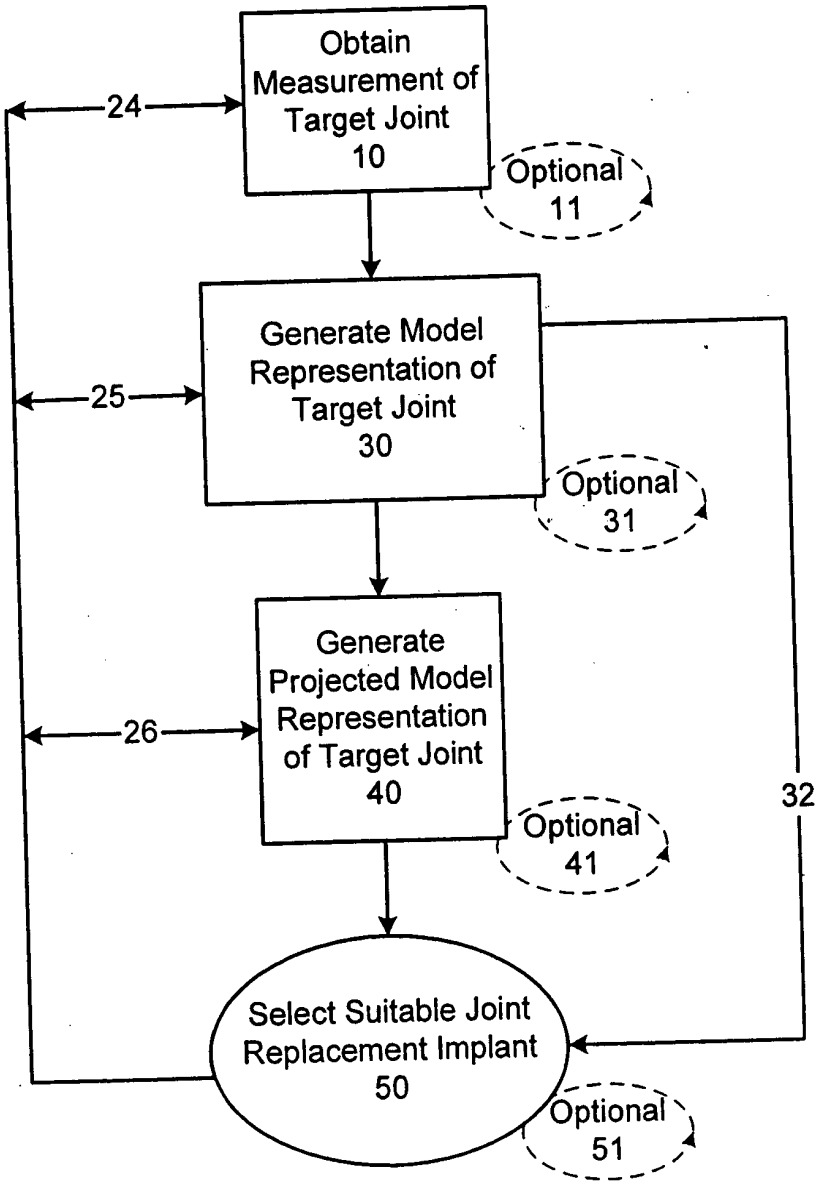
Obtain Measurement of Target Joint 10
24
Optional 11
Generate Model Representation of Target Joint 30
25
Optional 31
Generate Projected Model Representation of Target Joint 40
26
Optional 41
32
Select Suitable Joint Replacement Implant 50
Optional 51

FIG. 1A

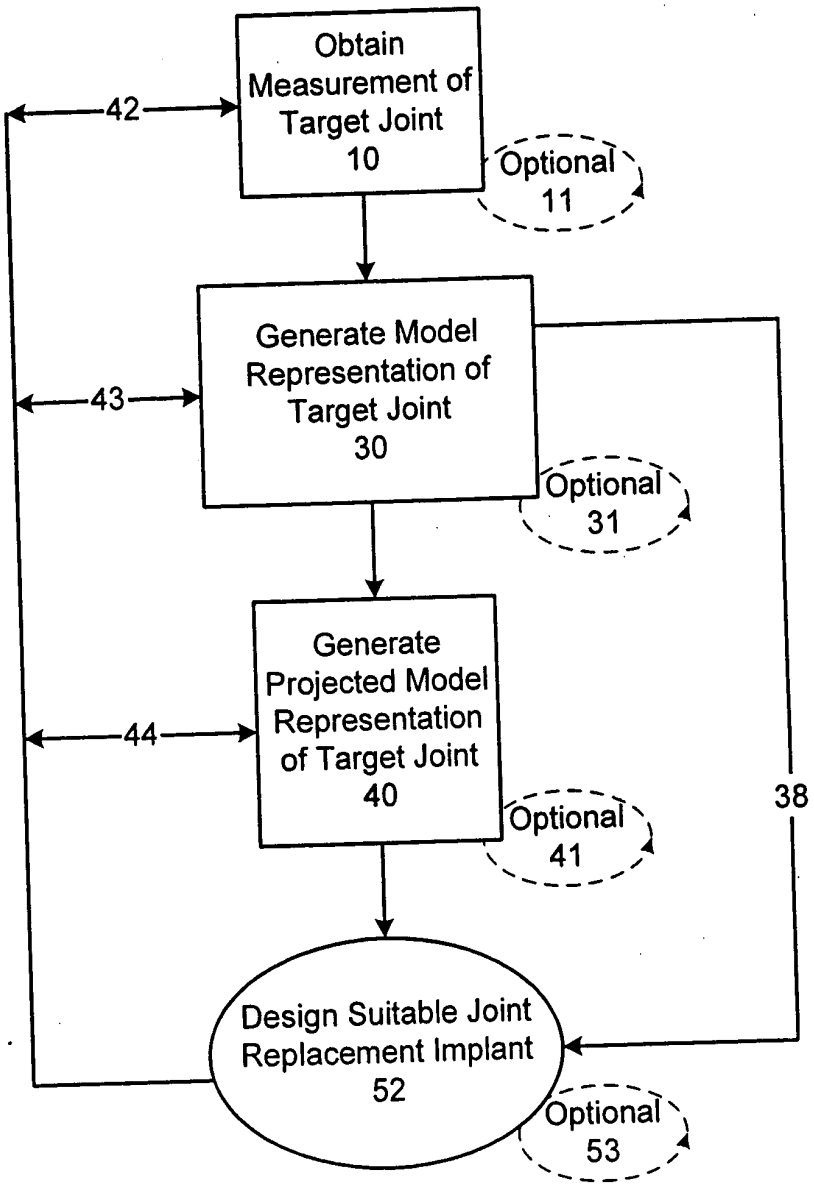
Obtain Measurement of Target Joint 10
Optional 11
42
Generate Model Representation of Target Joint 30
Optional 31
43
Generate Projected Model Representation of Target Joint 40
Optional 41
44
38
Design Suitable Joint Replacement Implant 52
Optional 53

FIG. 1B

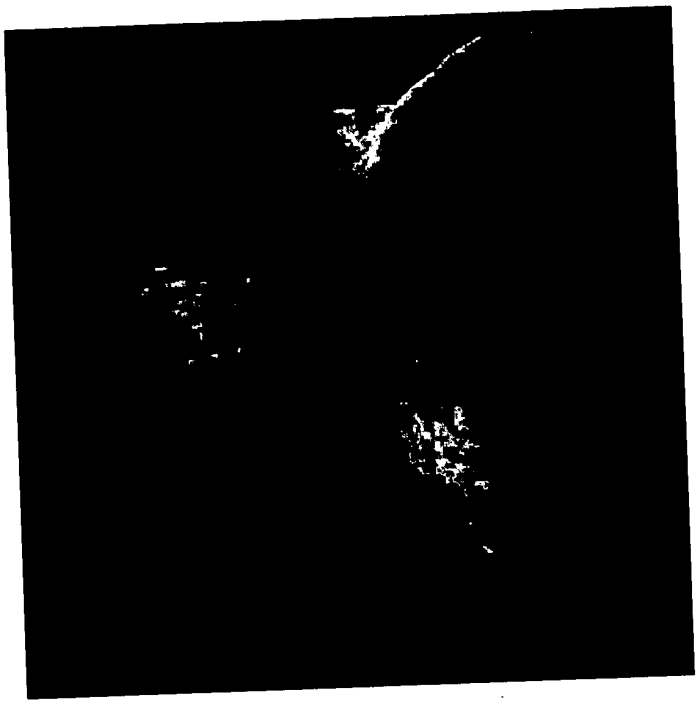

FIG. 2

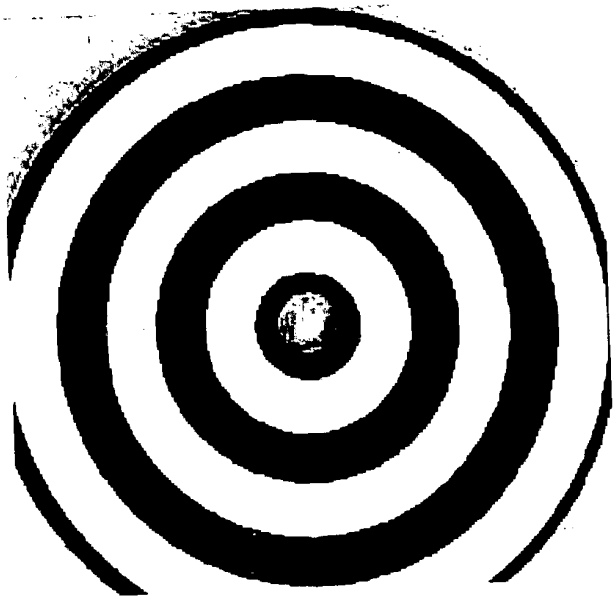

FIG. 3A

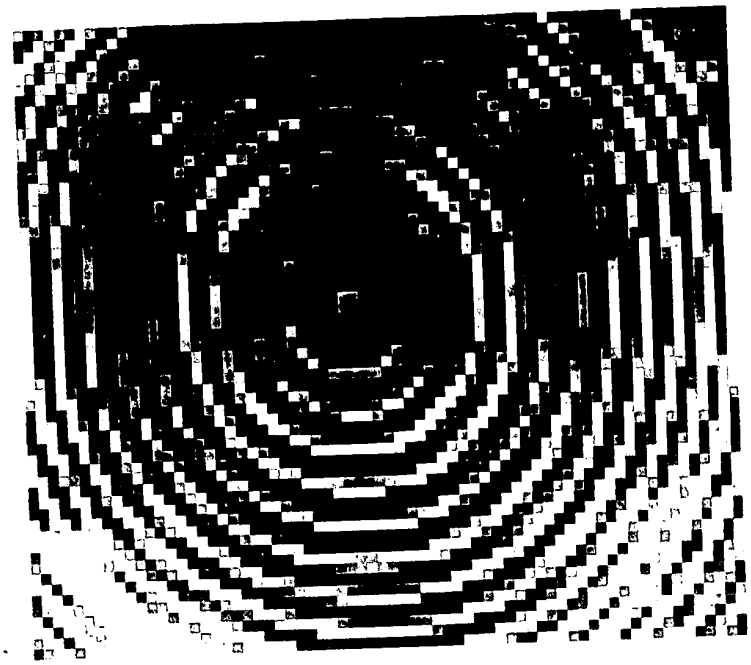

FIG. 3B

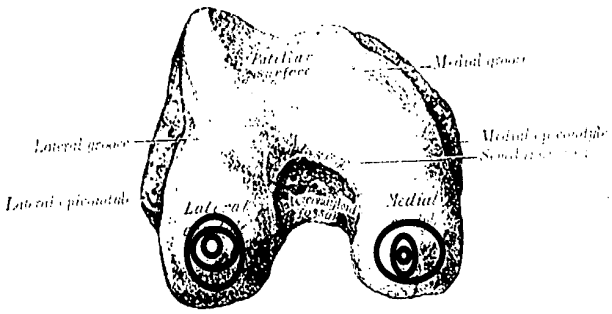
Patellar surface
Medial groove
Lateral groove
Medial epicondyle
Lateral epicondyle
Lateral
Medial

FIG. 4

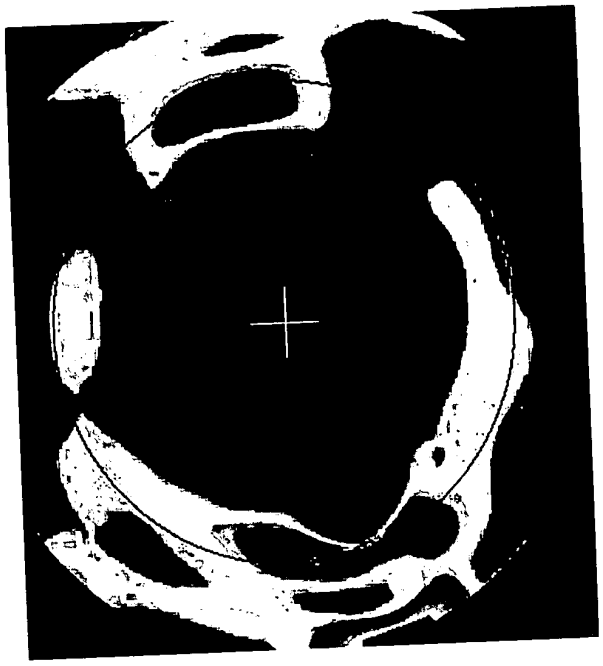

FIG. 5

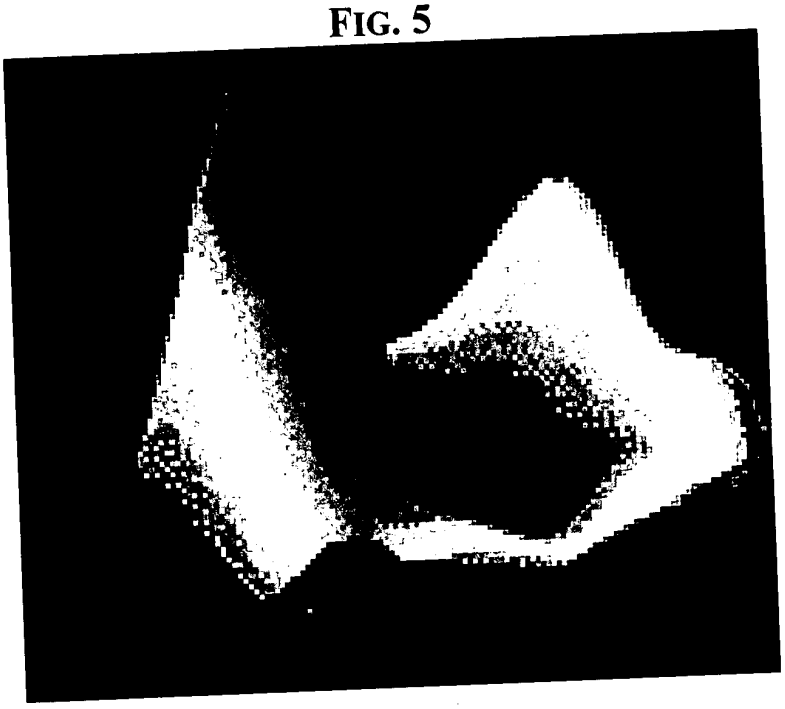

FIG. 6

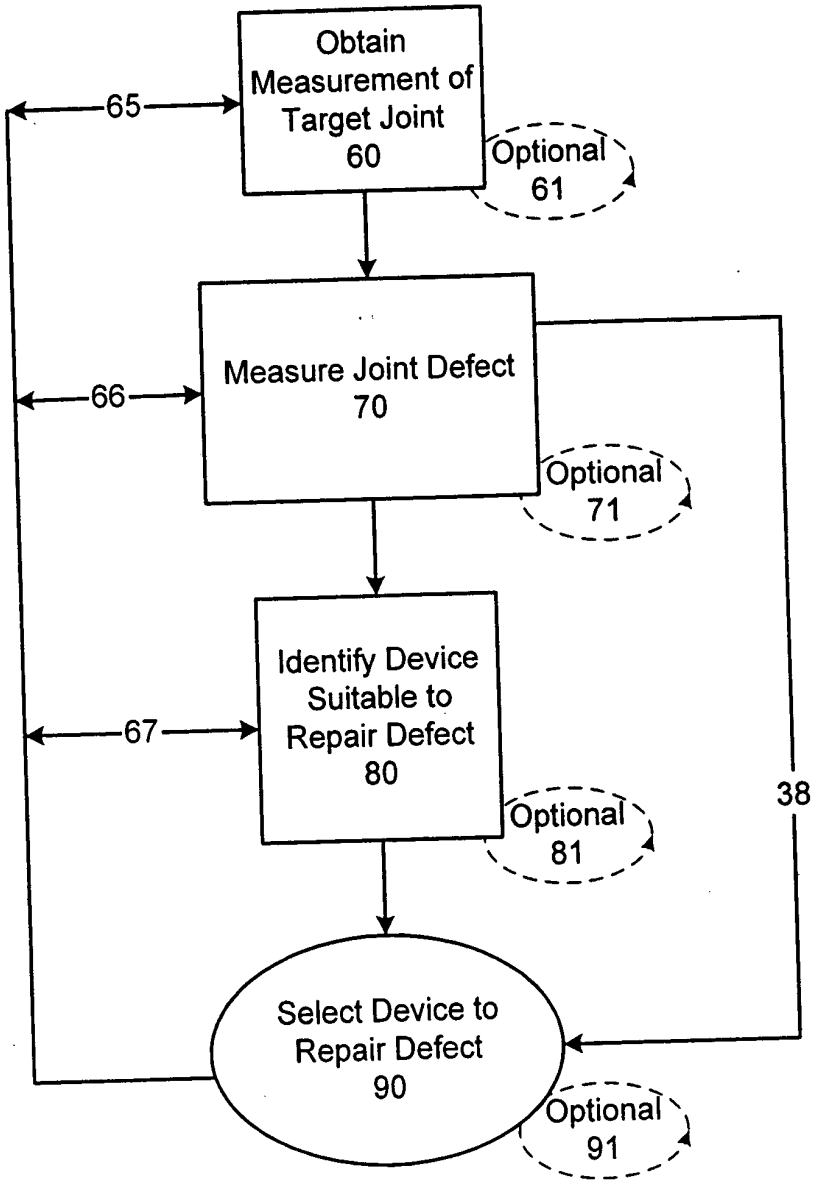
Obtain Measurement of Target Joint 60
65
Optional 61
Measure Joint Defect 70
66
Optional 71
Identify Device Suitable to Repair Defect 80
67
Optional 81
38
Select Device to Repair Defect 90
Optional 91

FIG. 7A

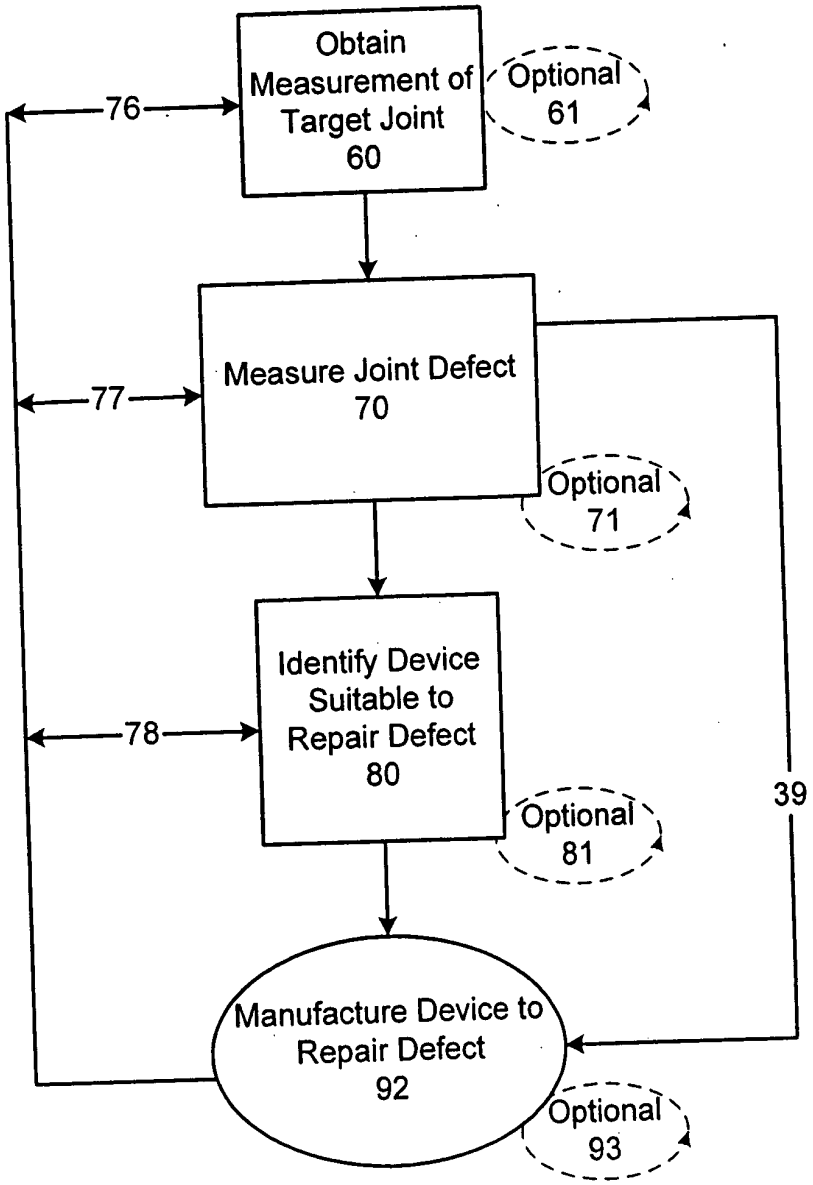
Obtain Measurement of Target Joint 60
Optional 61
76
Measure Joint Defect 70
77
Optional 71
Identify Device Suitable to Repair Defect 80
78
Optional 81
39
Manufacture Device to Repair Defect 92
Optional 93

FIG. 7B

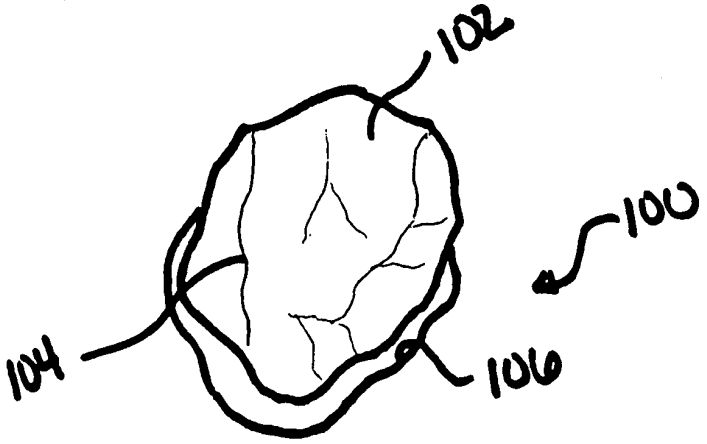

FIG. 8A

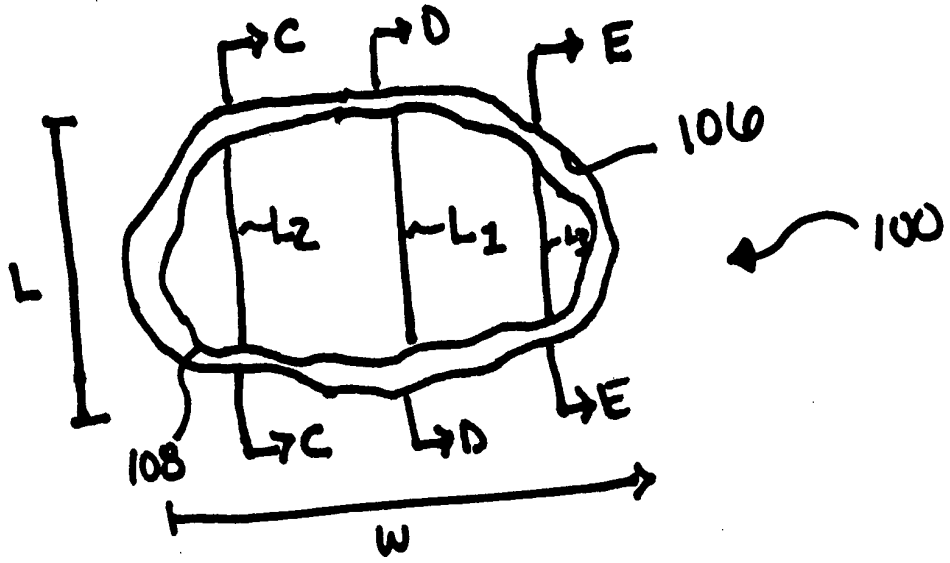

FIG 8B

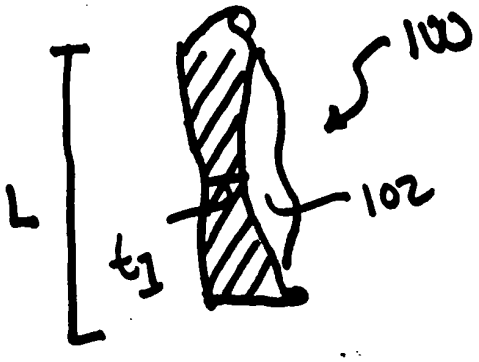

FIG 8C

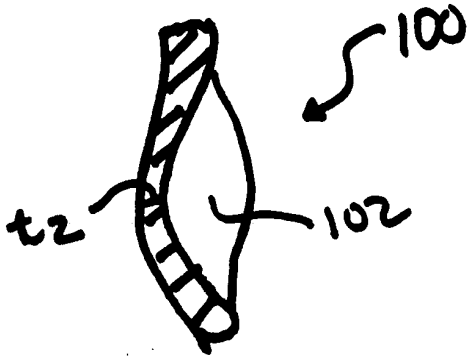

FIG 8D

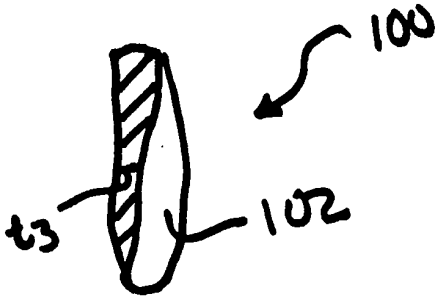

FIG. 8E

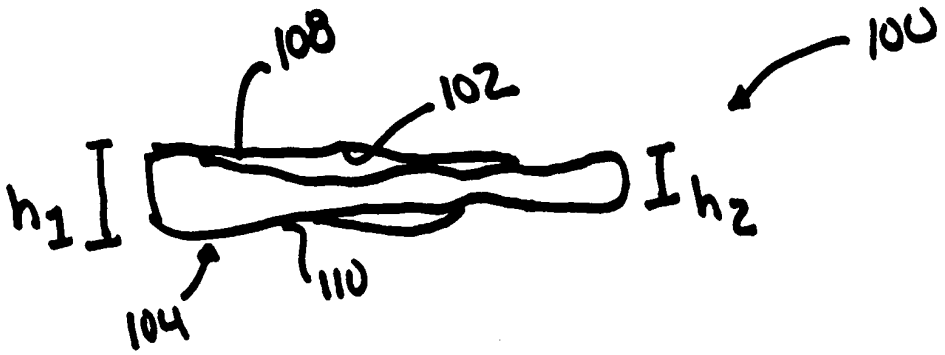

FIG 8F

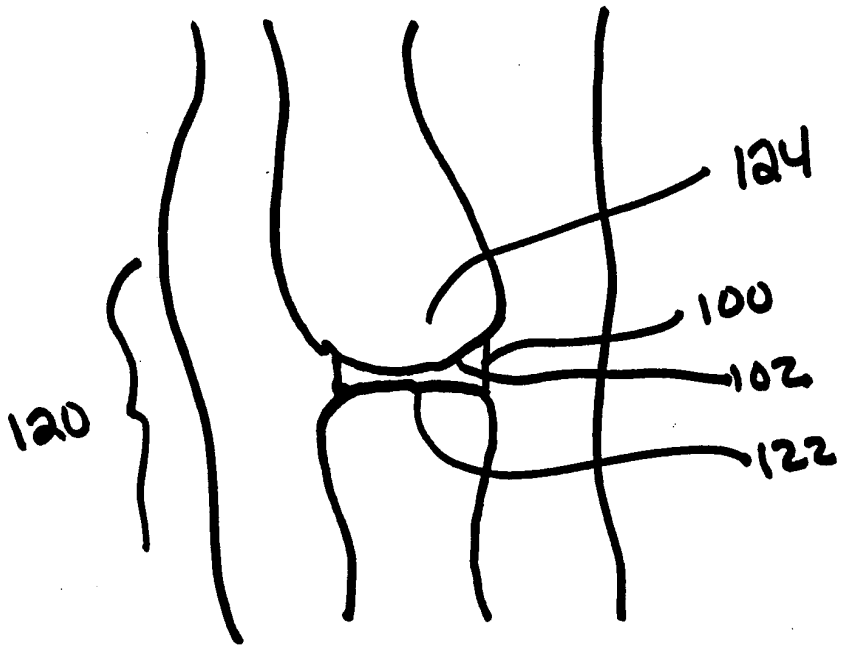

FIG. 8G

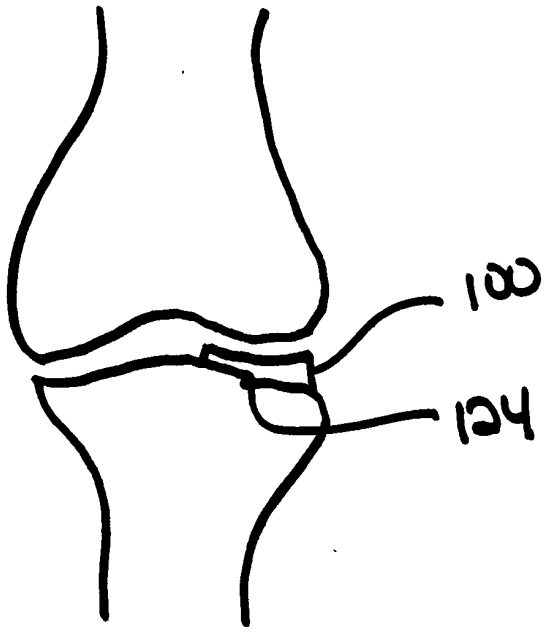

FIG 8H

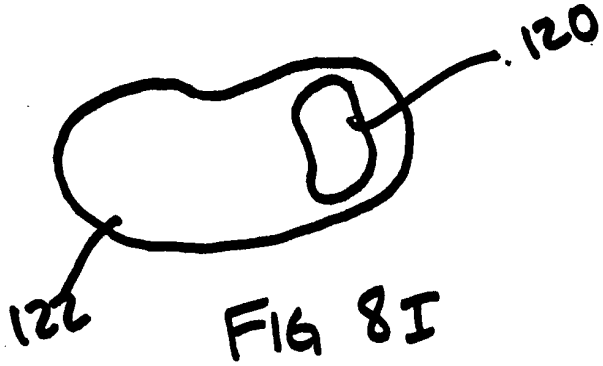

FIG 8I

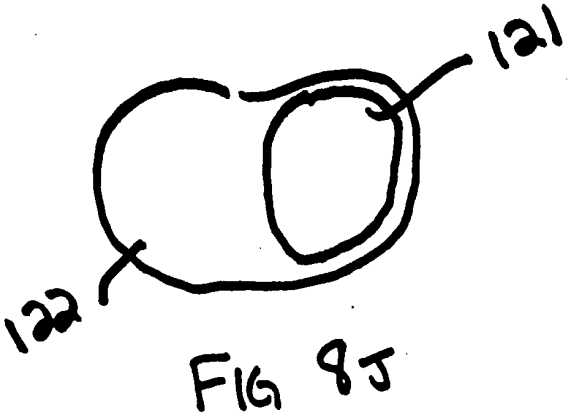

FIG 8J

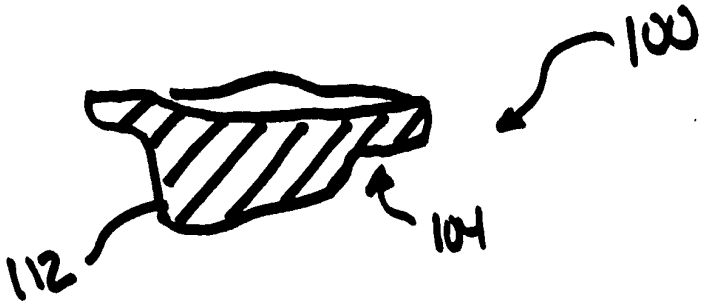

FIG. 8K

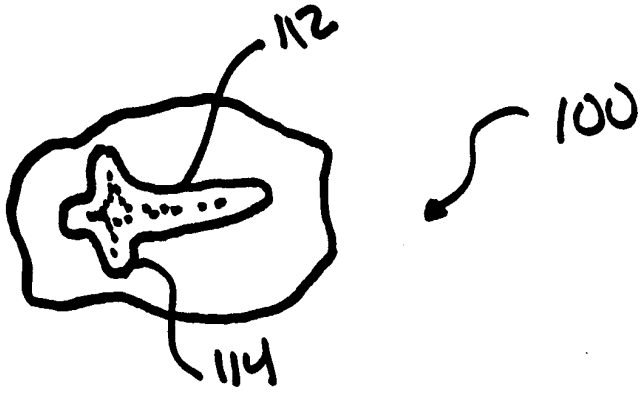

FIG 8L

Lateral

Frontal

Fig. 8 M

Lateral

Frontal

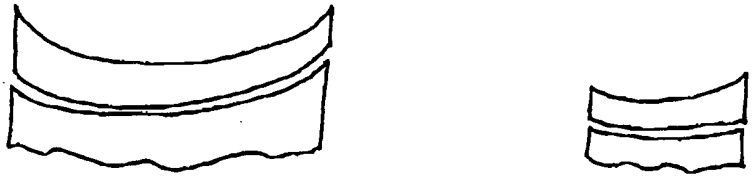

Fig. 8 N

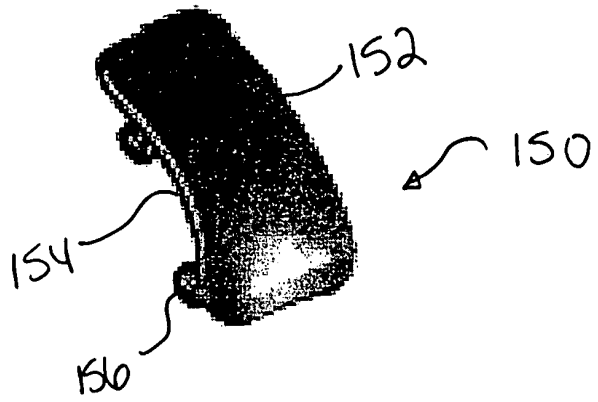

FIG. 9A

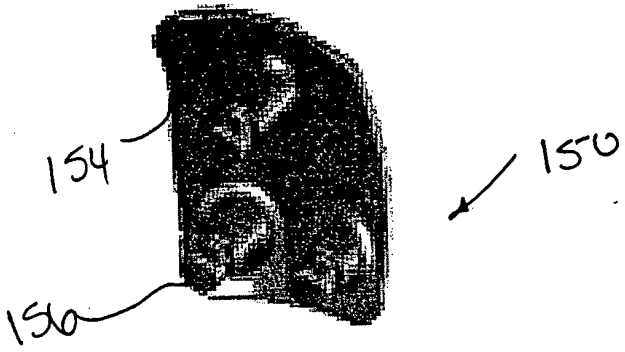

FIG. 9B

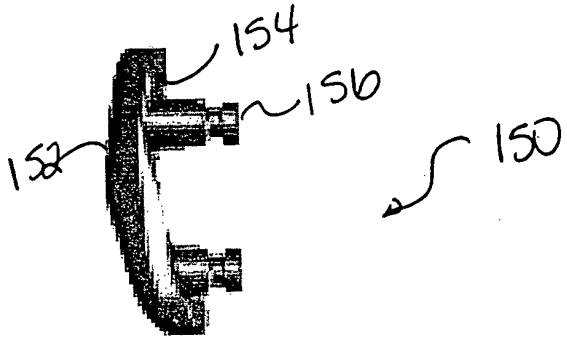

FIG. 9C

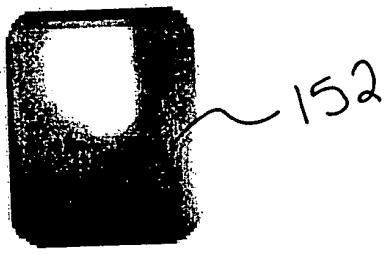

FIG. 9D

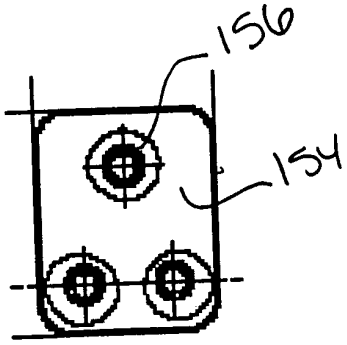

FIG. 9E

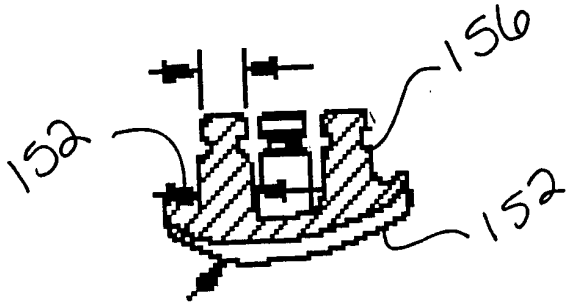

FIG. 9F

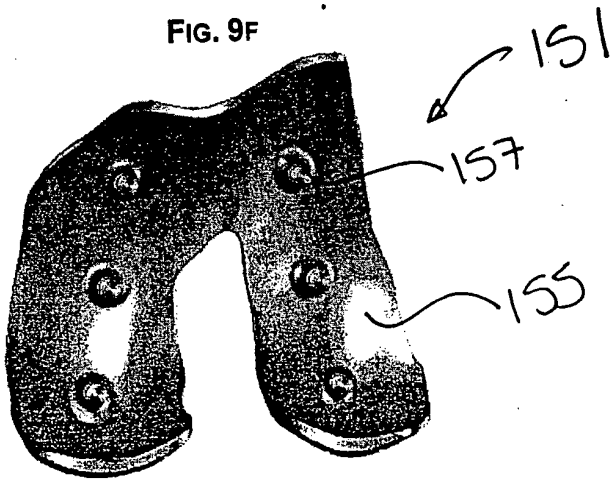

FIG. 9G

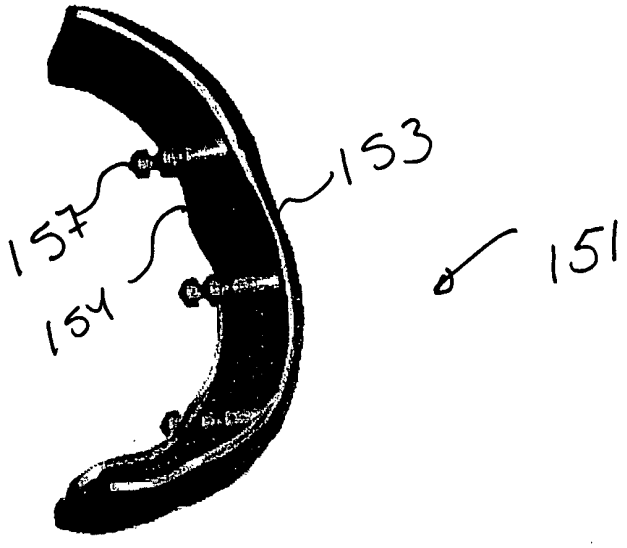

FIG. 9H

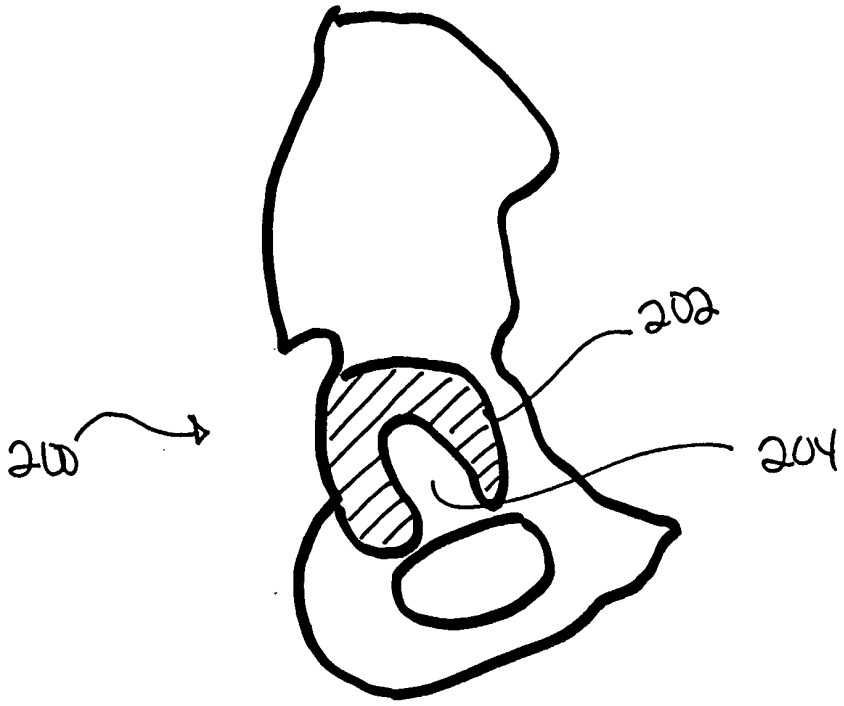

FIG. 10A

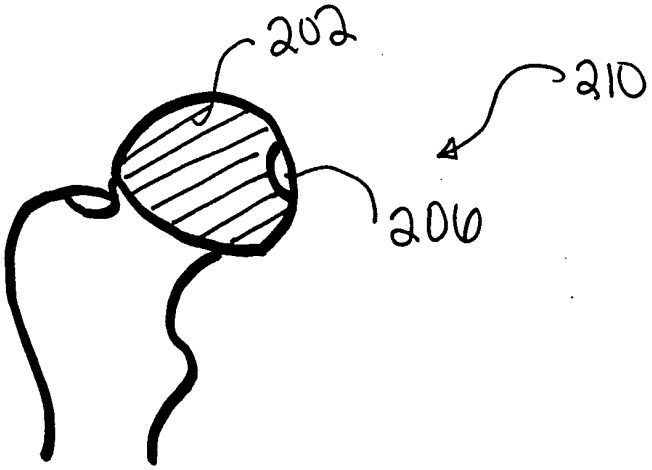

FIG. 10B

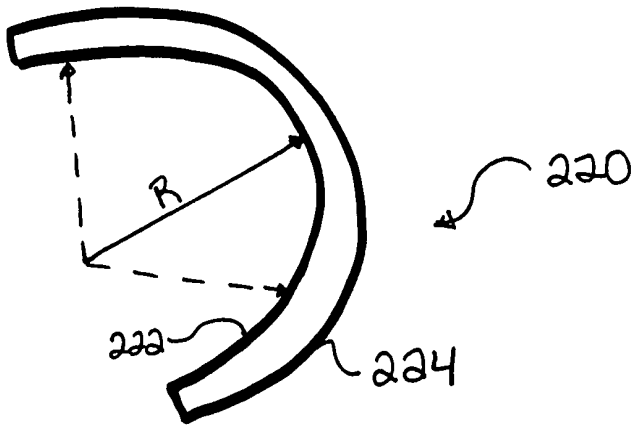

FIG. 1D

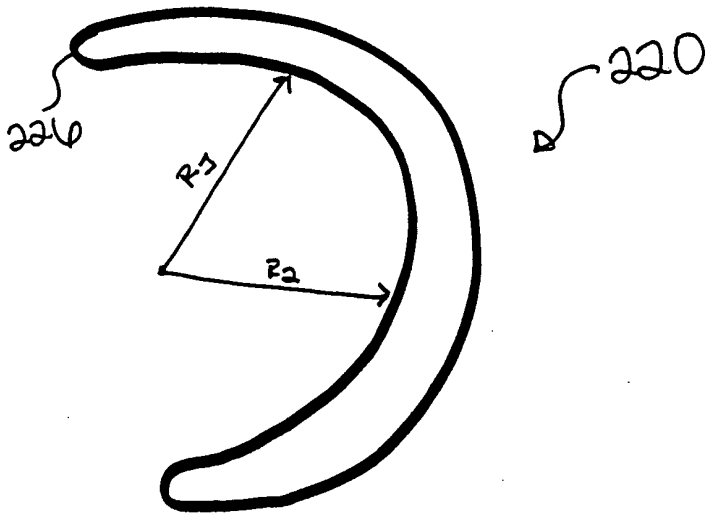

FIG. 1D

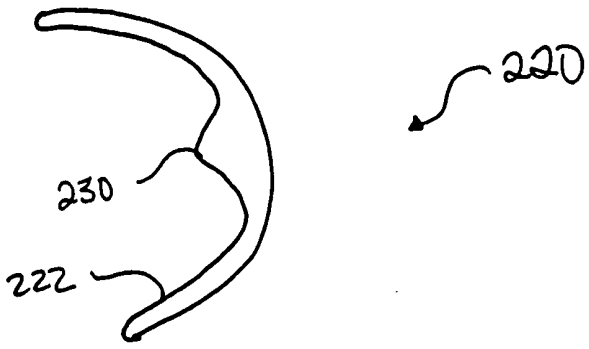

FIG. 11A

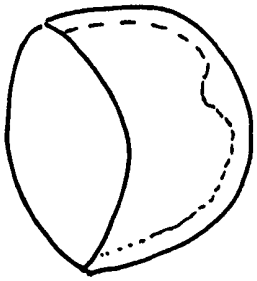

FIG. 11B

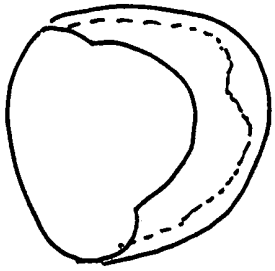

FIG. 11C

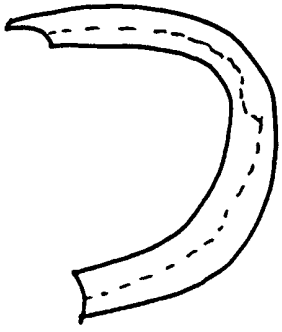

FIG. 11D

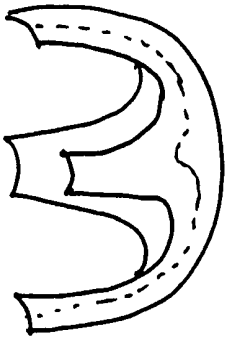

FIG. 11E

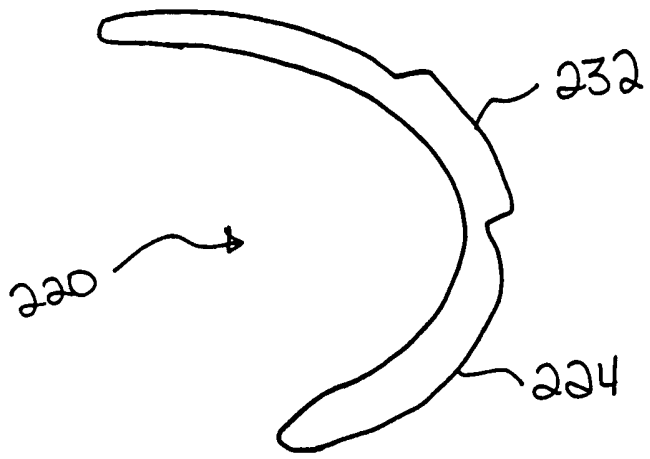

FIG. 12A

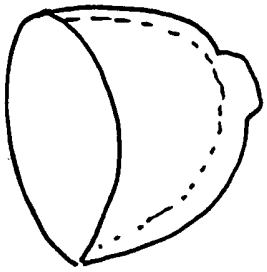

FIG. 12B

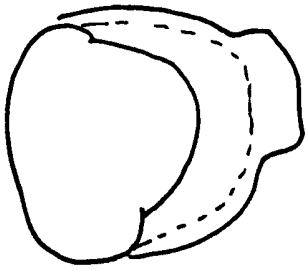

FIG. 12C

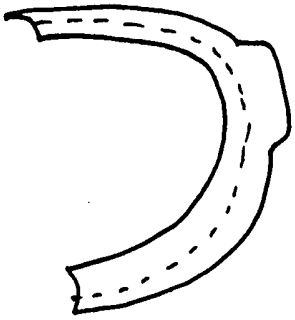

FIG. 12D

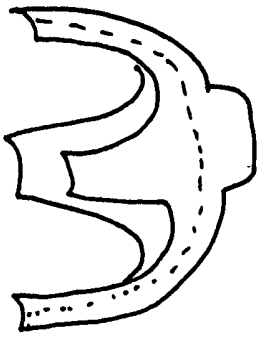

FIG. 12E

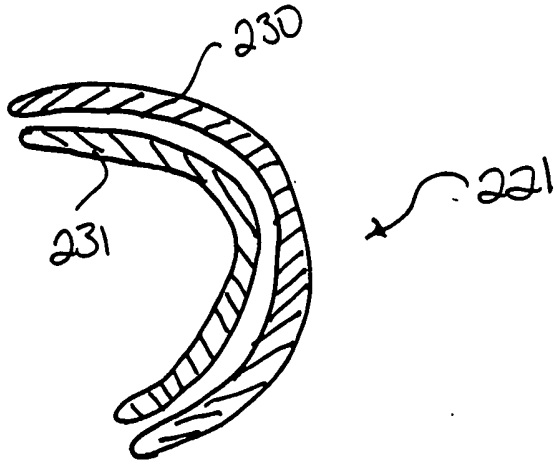

FIG. 13A

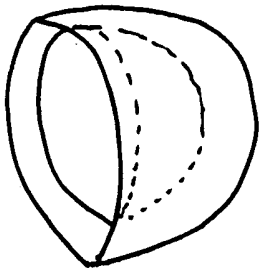

FIG. 13B

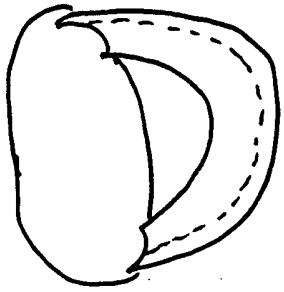

FIG. 13C

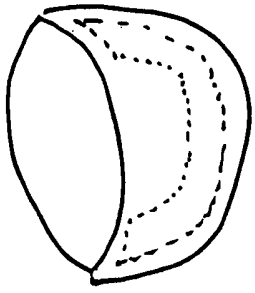

FIG. 13D

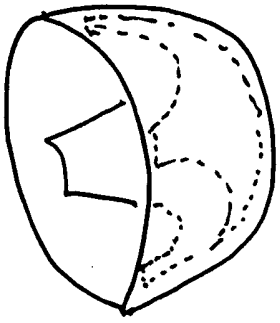

FIG. 13E

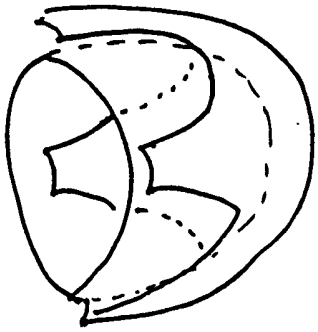

FIG. 13F

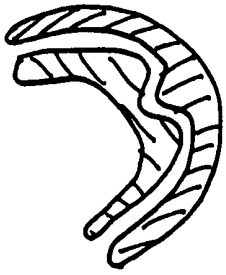

FIG. 13G

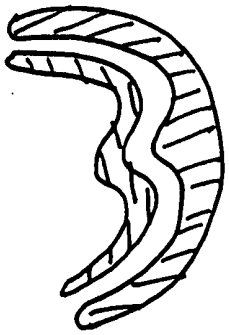

FIG. 13H

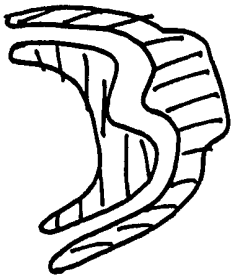

FIG. 13I

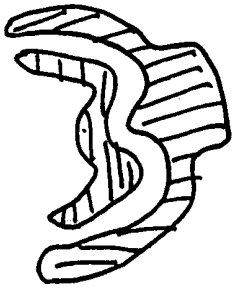

FIG. 13J

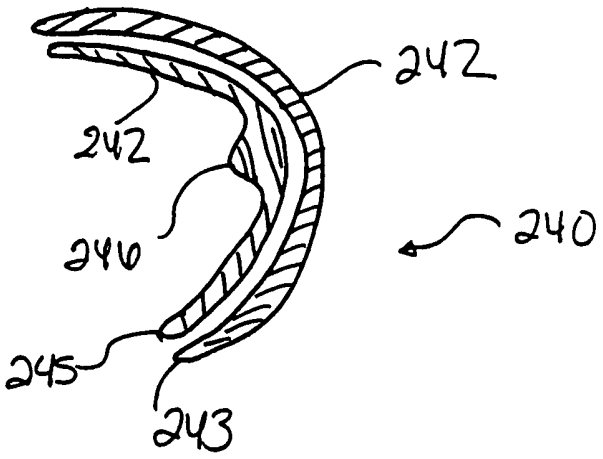

FIG. 14A

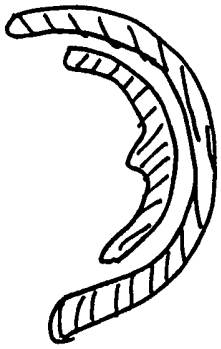

FIG. 14B

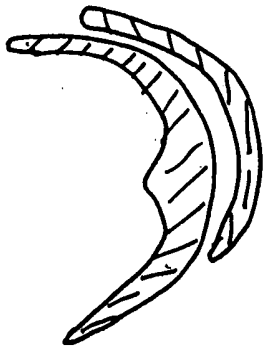

FIG. 14C

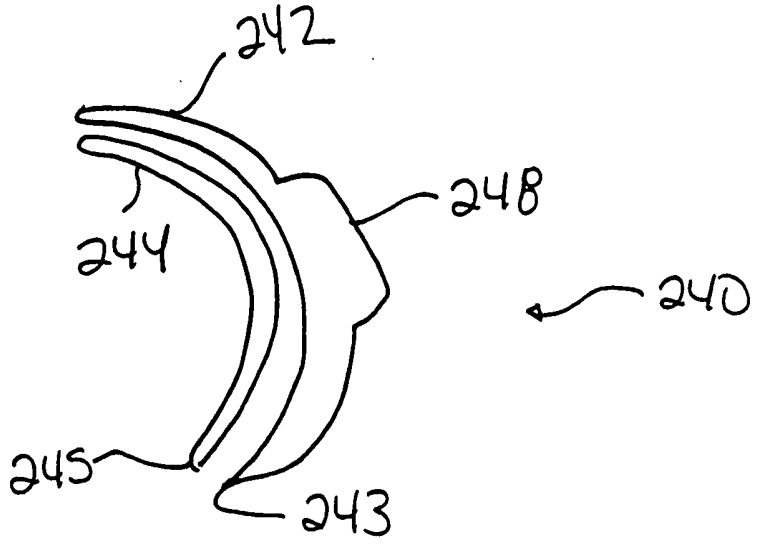

FIG. 15A

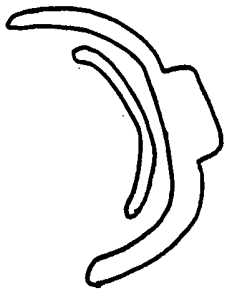

FIG. 15B

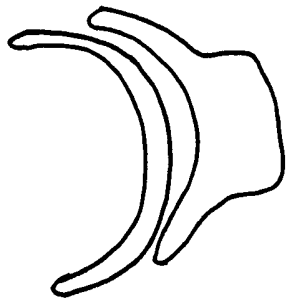

FIG. 15C

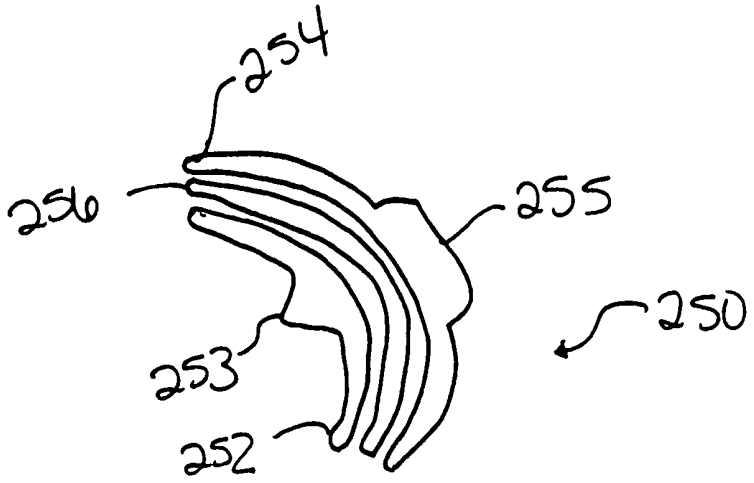

FIG. 16A

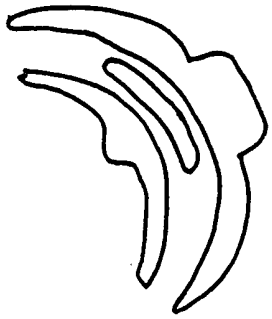

FIG. 16B

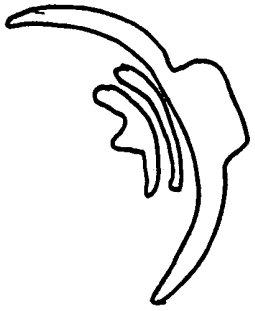

FIG. 16C

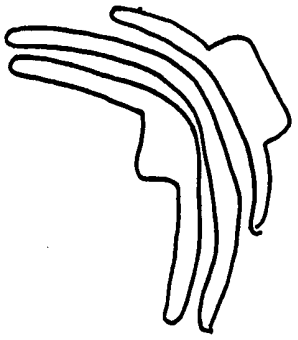

FIG. 16D

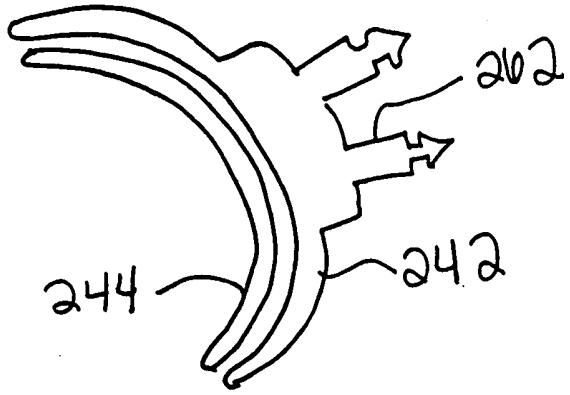

FIG. 17A

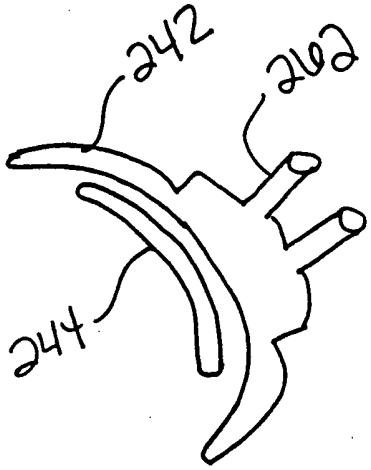

FIG. 17B

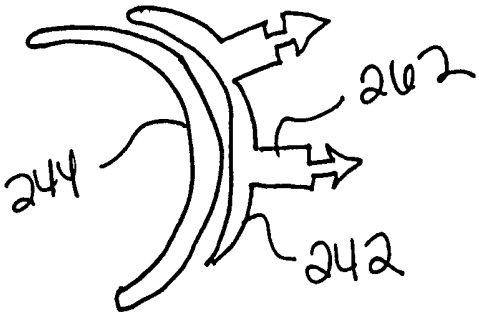

FIG. 17C

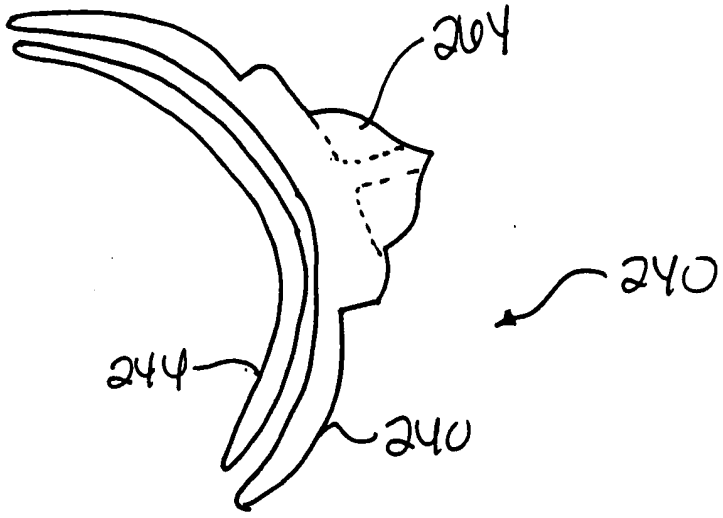

FIG. 18A

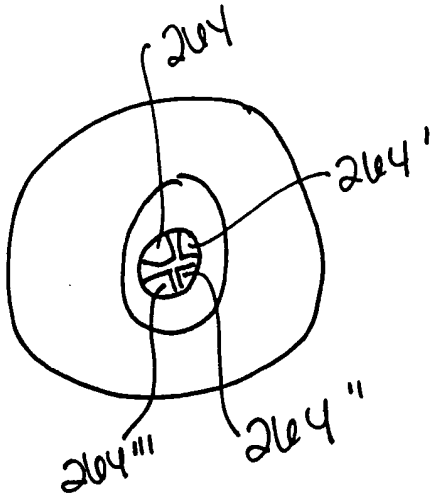

FIG. 18B

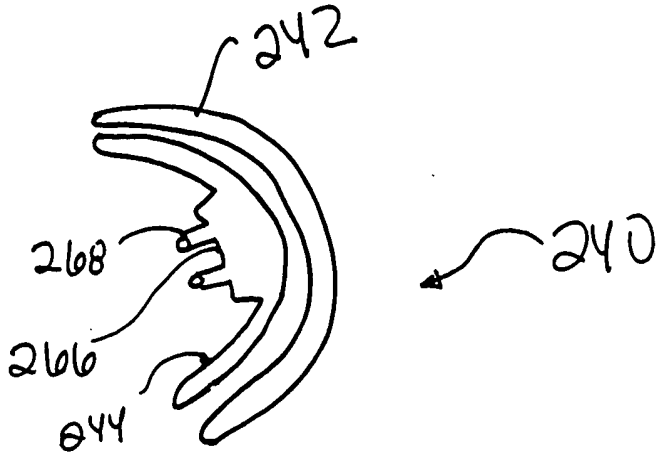

FIG. 19A

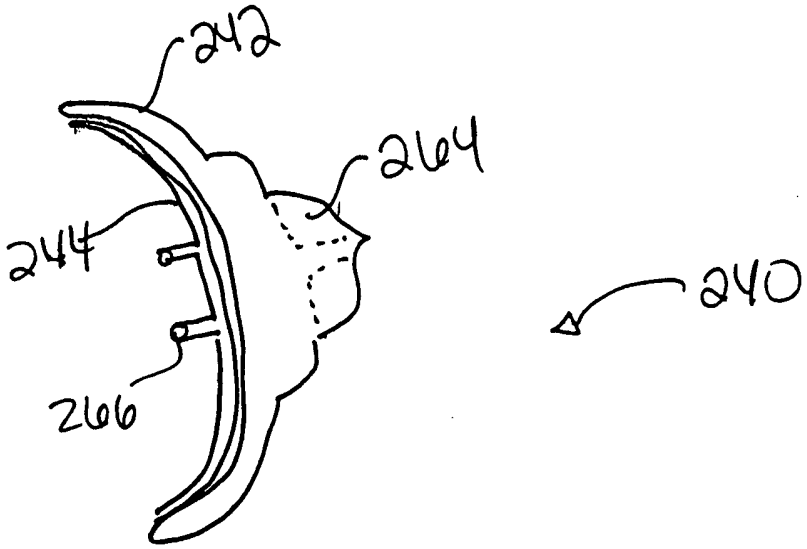

FIG 19B

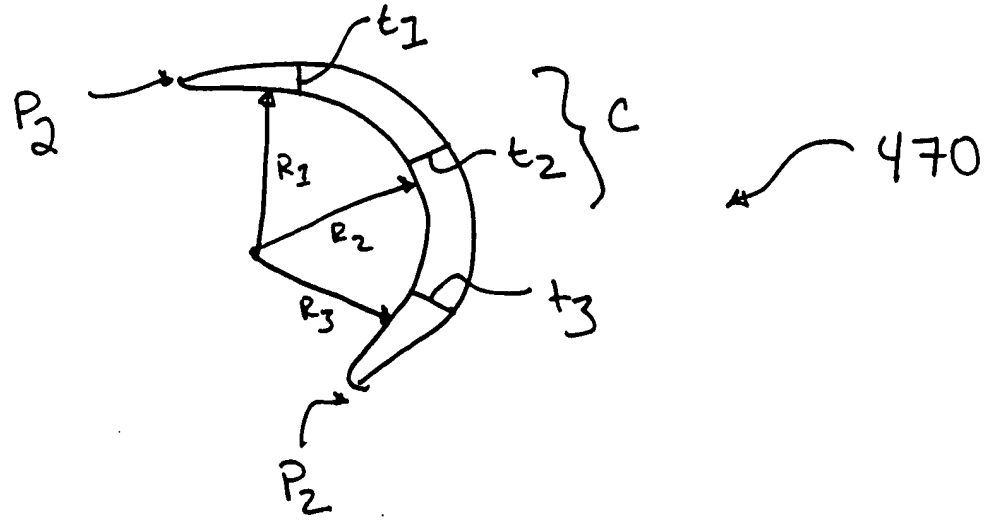

FIG. 20A

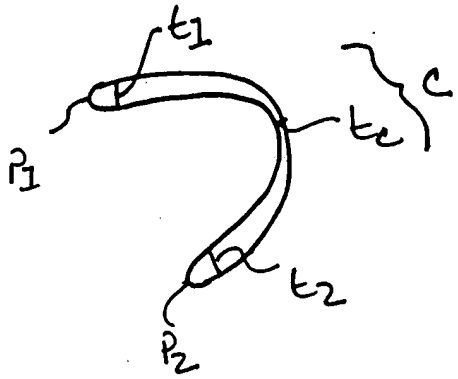

FIG. 20B

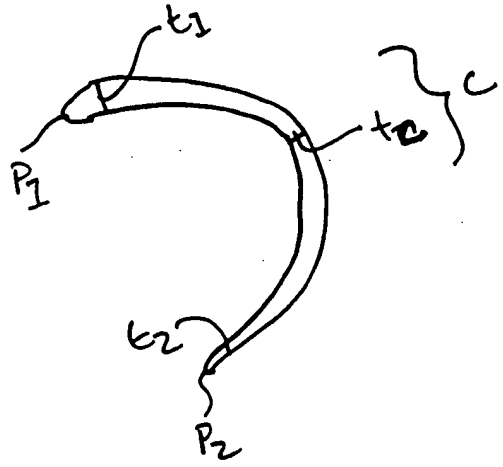

FIG. 20C

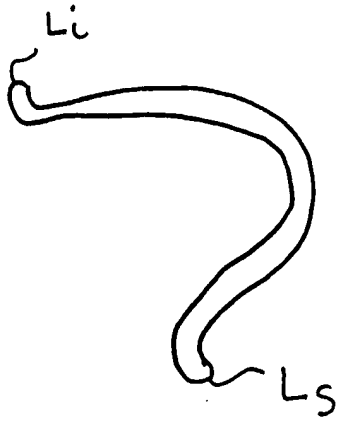

FIG. 20D

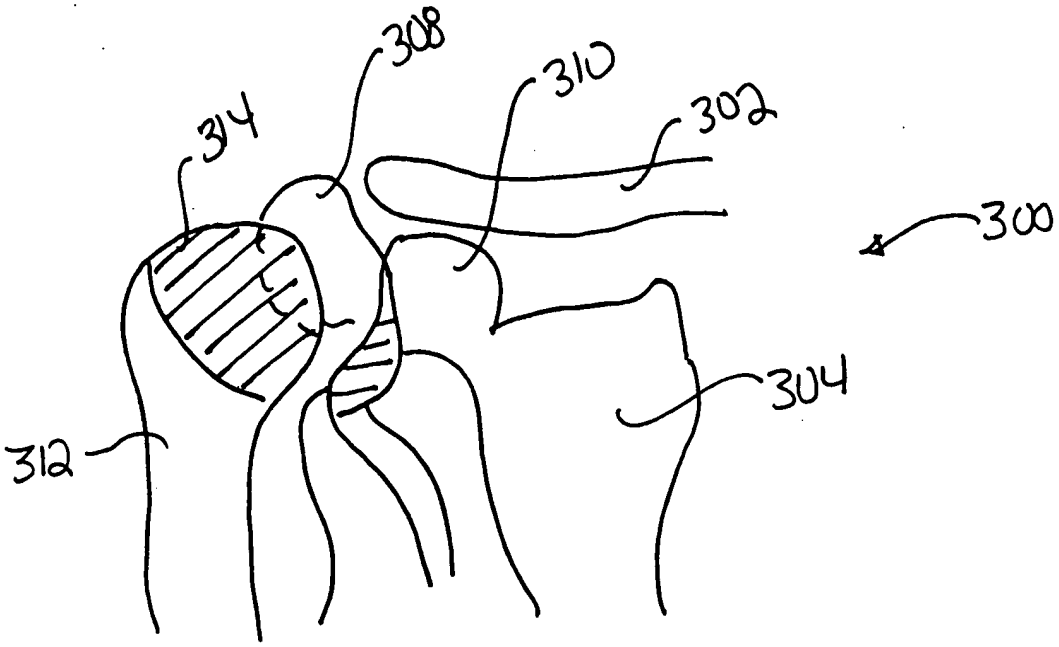

FIG. 21A

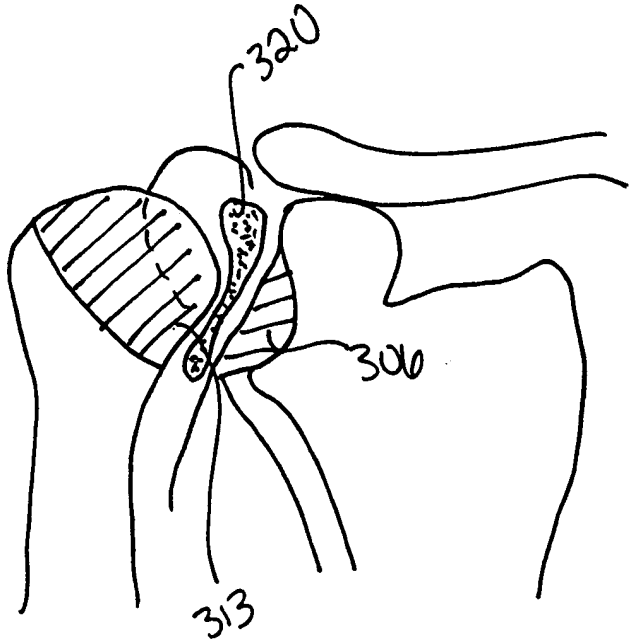

FIG. 21B

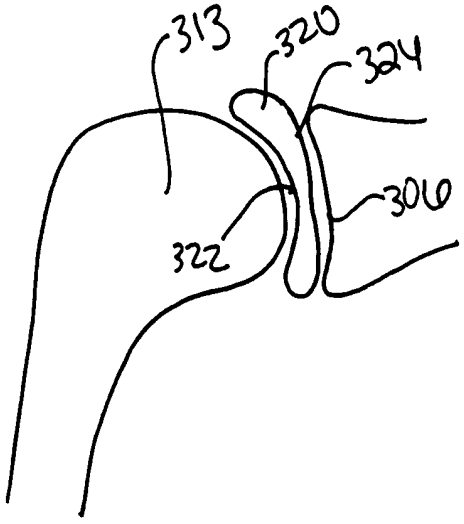

FIG. 21C

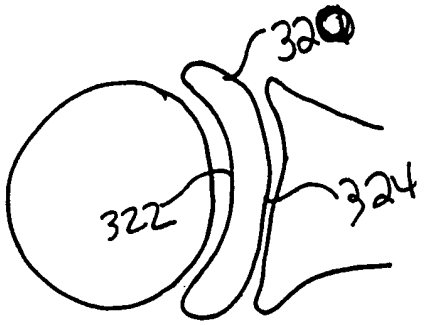

FIG. 21D

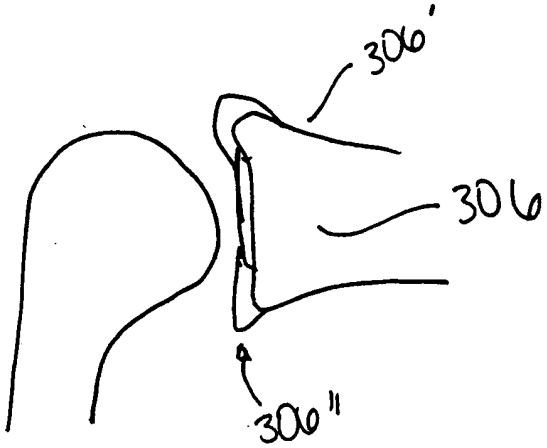

FIG. 21E

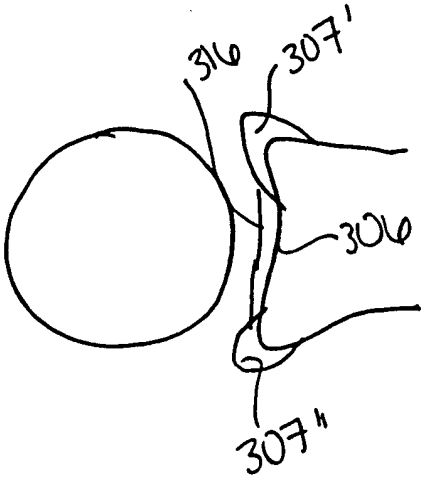

FIG. 21F

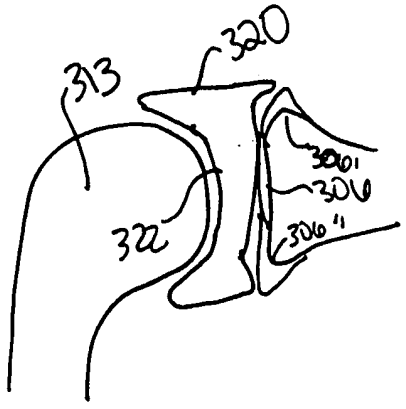

FIG. 21G

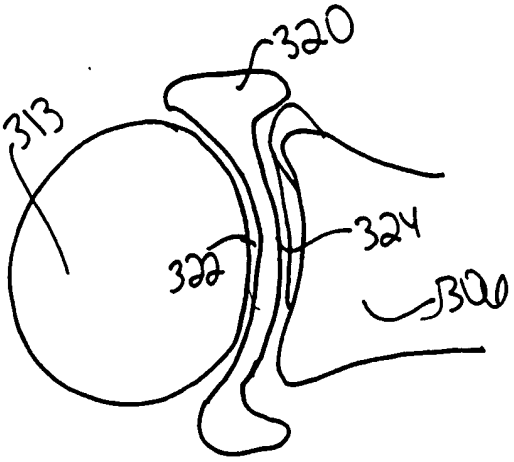

FIG. 21H

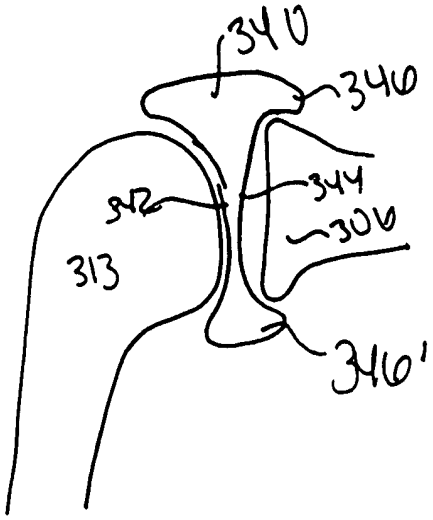

FIG. 21I

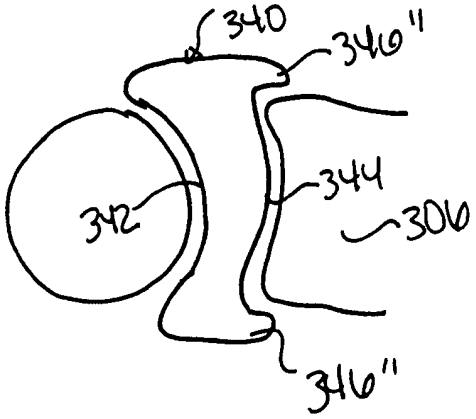

FIG. 21J

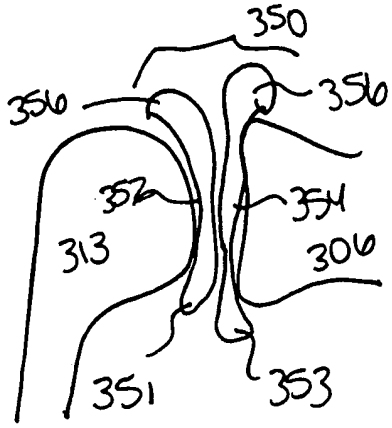

FIG. 21K

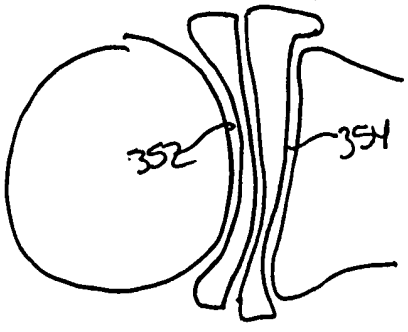

FIG. 21L

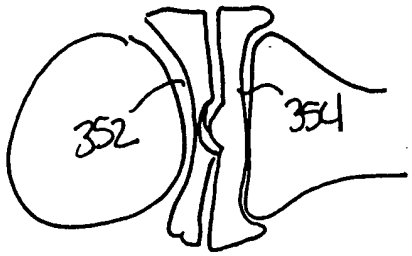

FIG. 21M

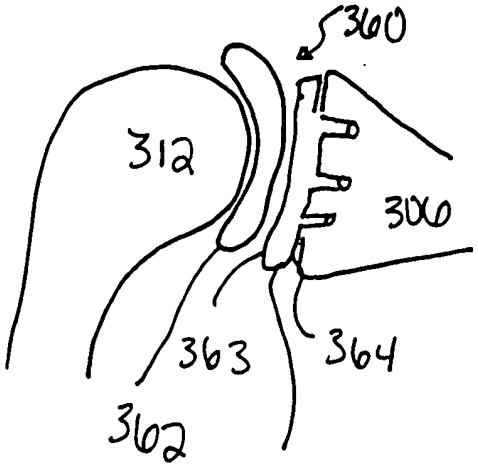

FIG. 21N

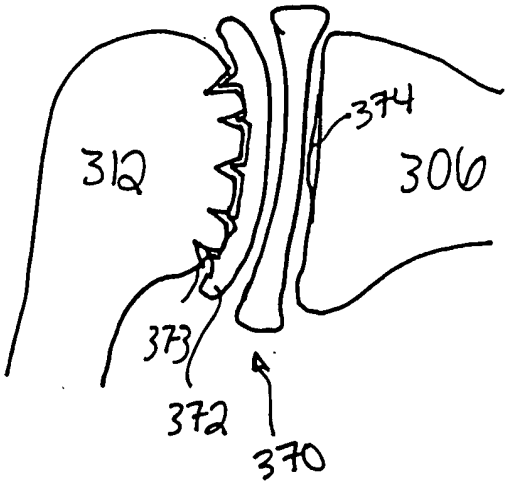

FIG. 21O

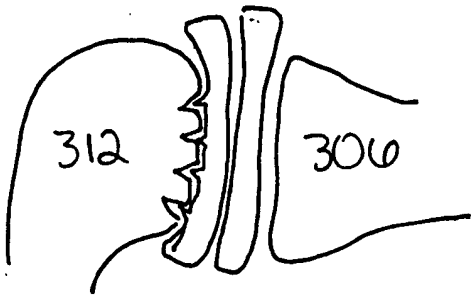

FIG. 21P

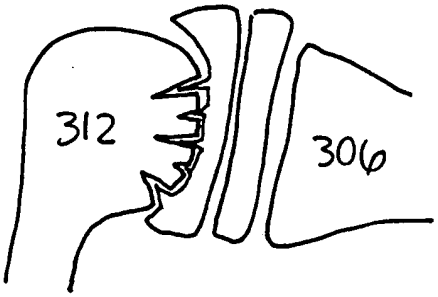

FIG. 21Q

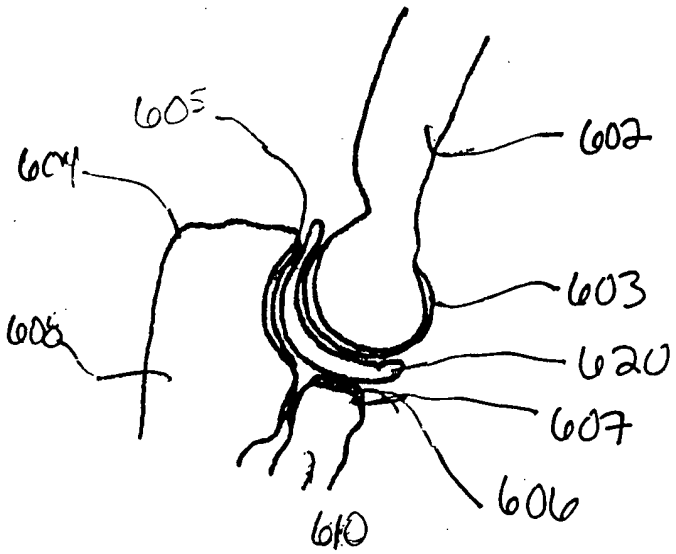

FIG. 22

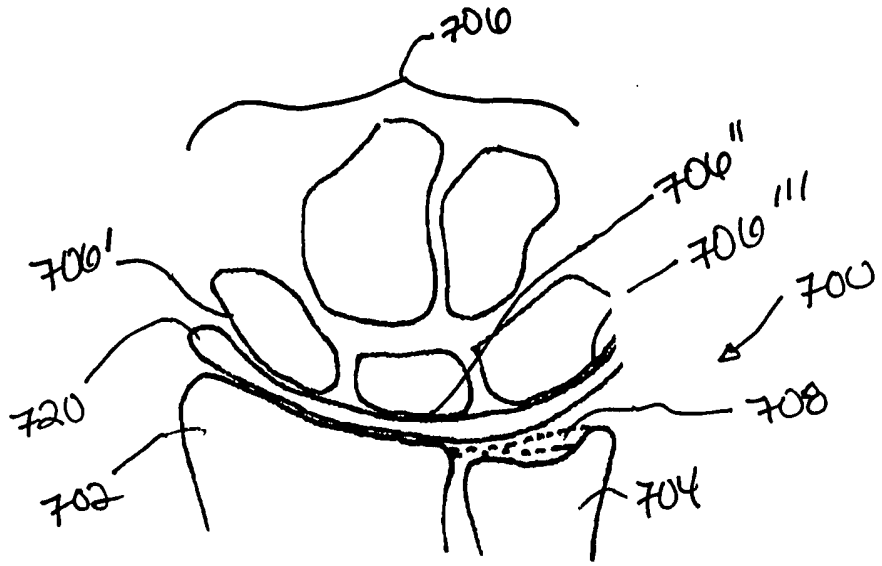

FIG. 23A

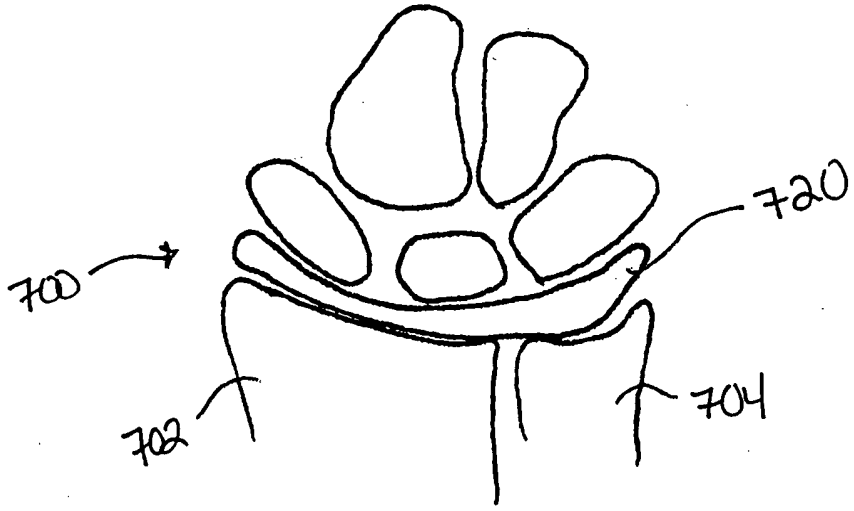

FIG. 23B

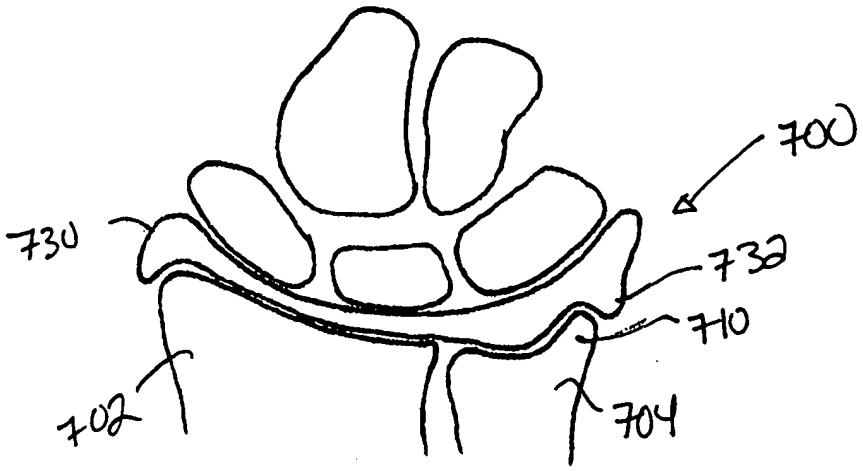

FIG 23C

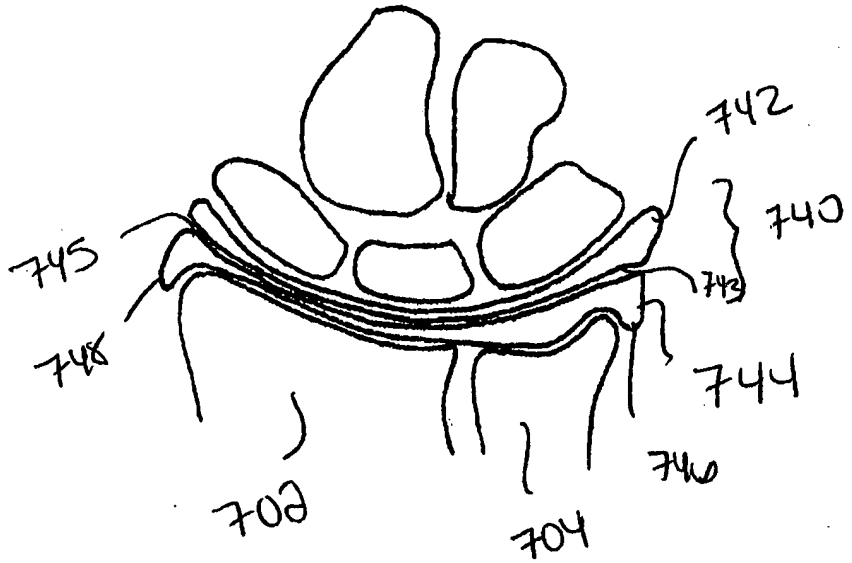

FIG. 23D

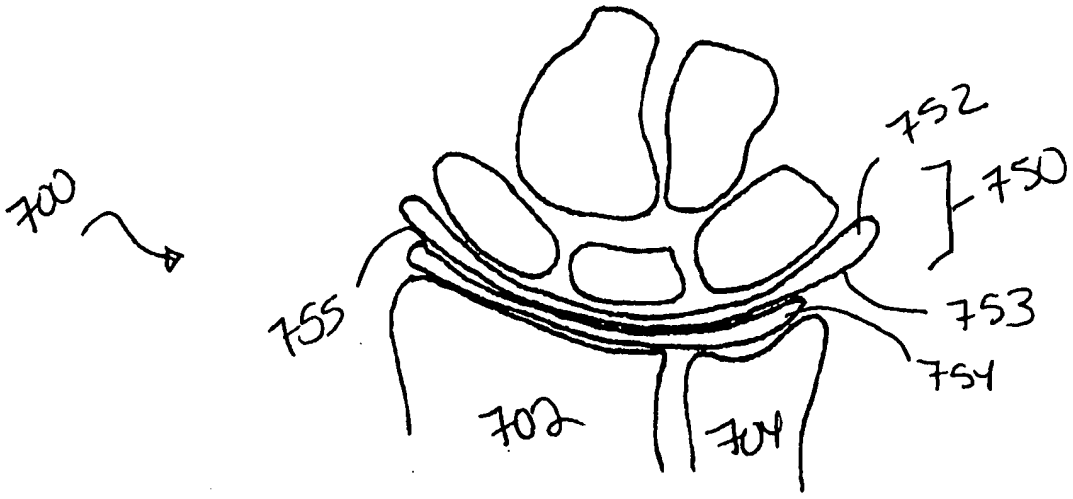

FIG. 23E

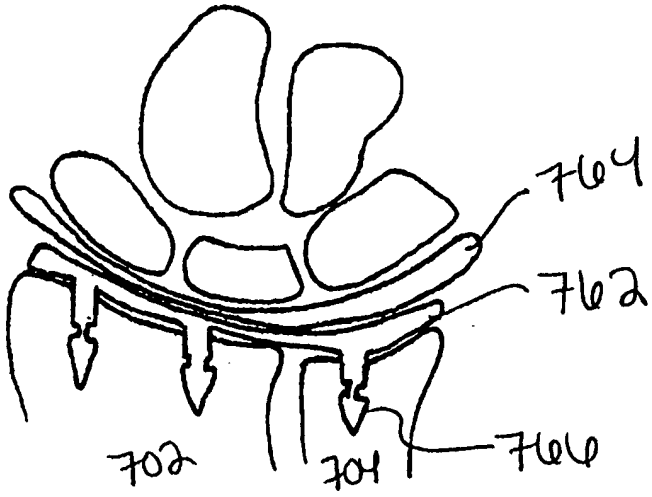

FIG. 23F

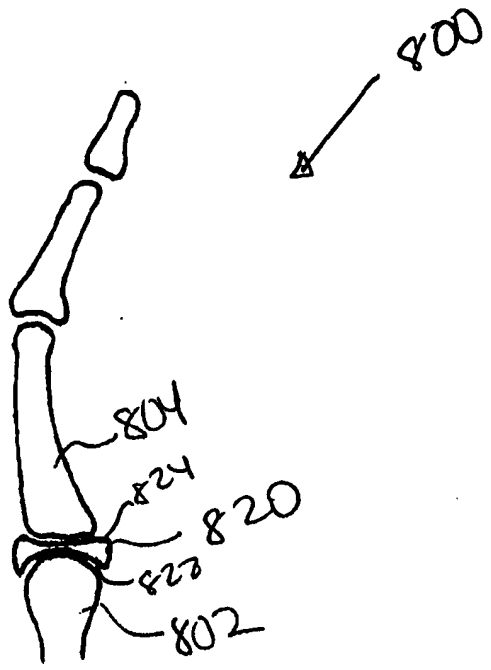

FIG. 24

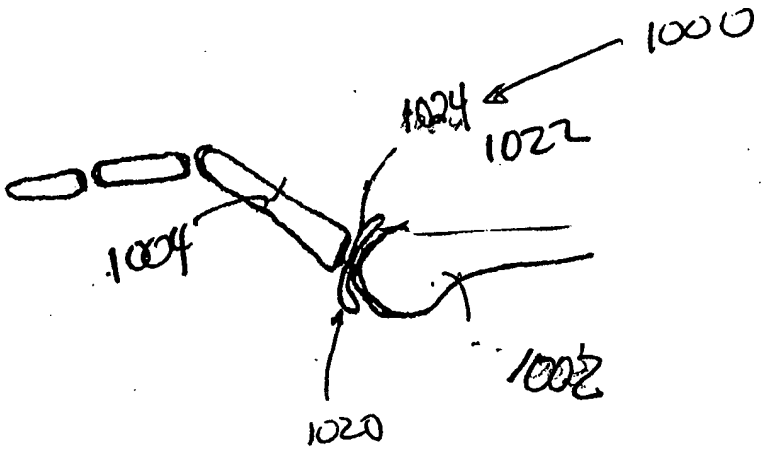

FIG. 26

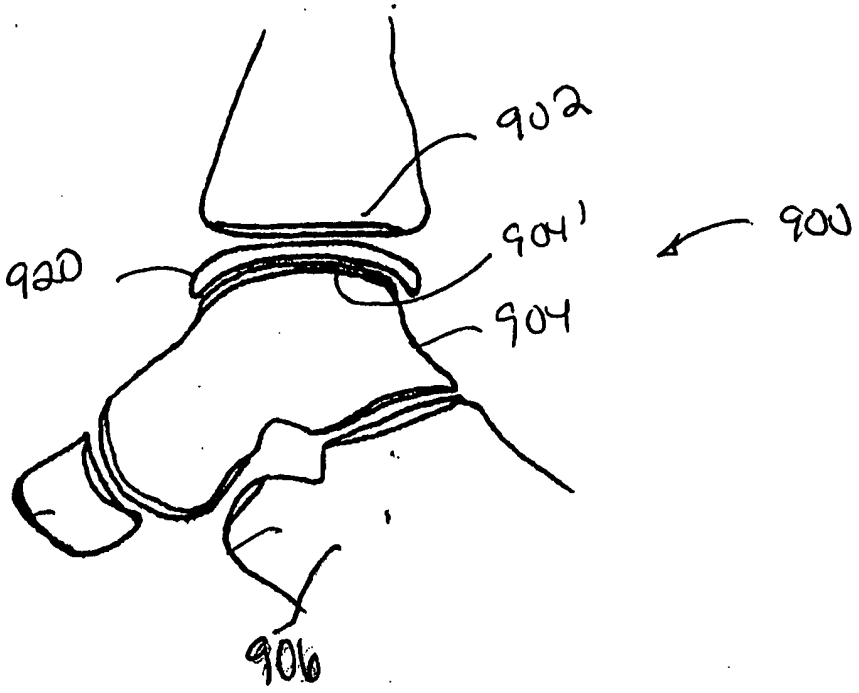

FIG. 25A

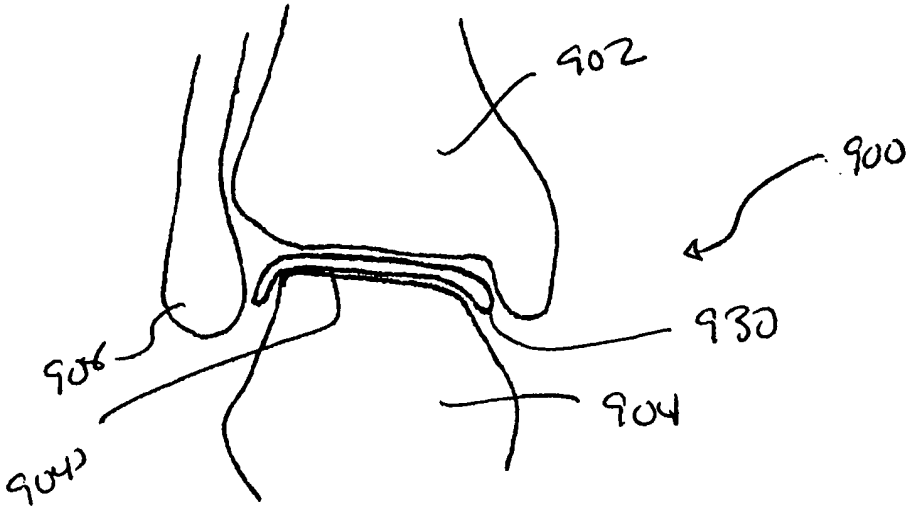

FIG. 25B

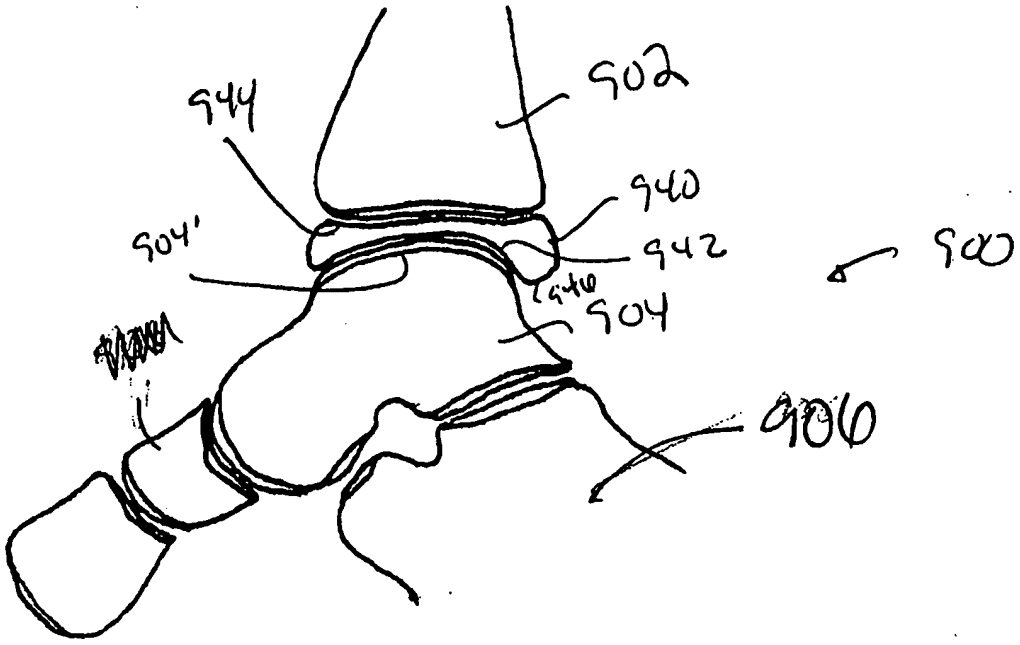

FIG. 25C

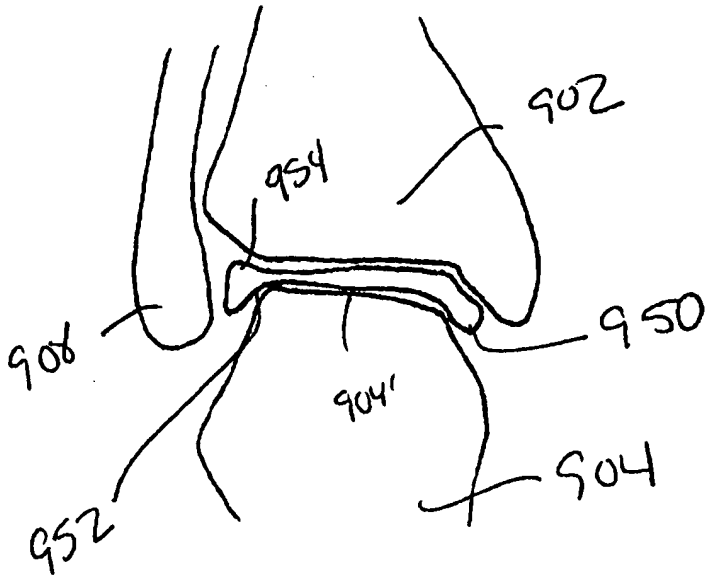

FIG. 25D

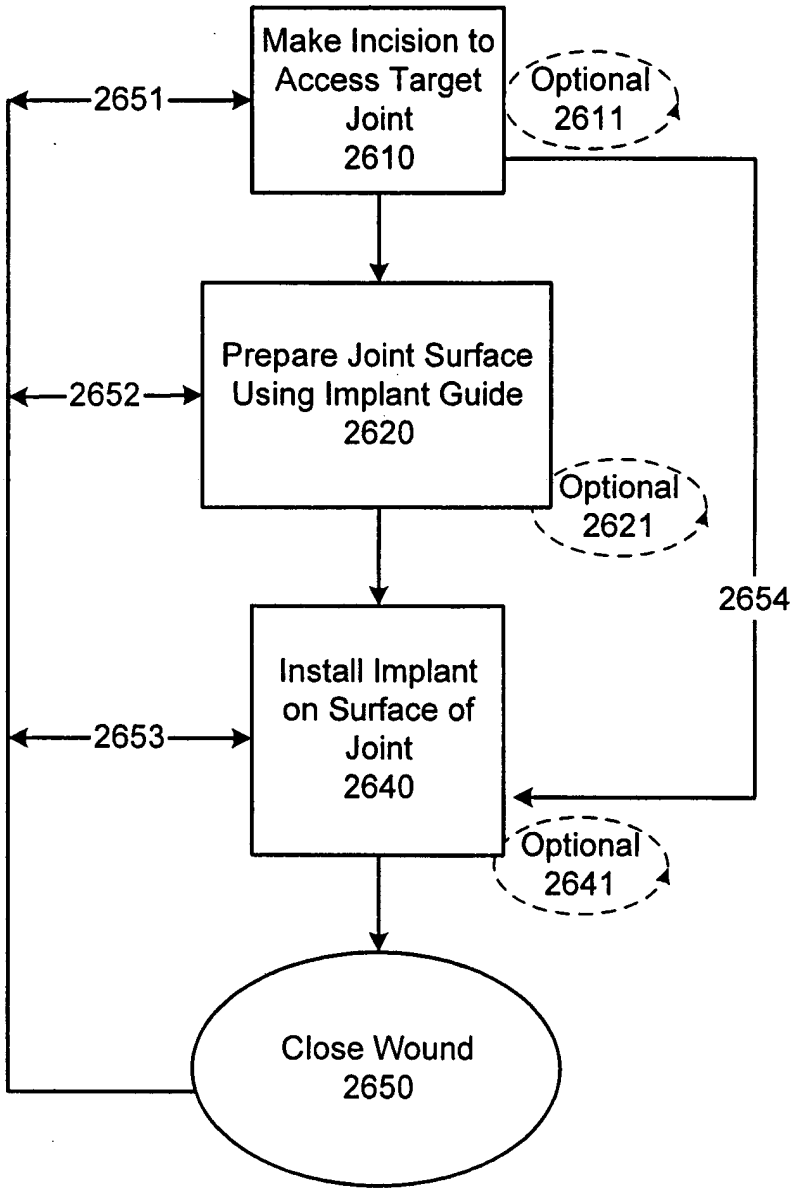
Make Incision to Access Target Joint 2610
Optional 2611
2651
Prepare Joint Surface Using Implant Guide 2620
2652
Optional 2621
2654
Install Implant on Surface of Joint 2640
2653
Optional 2641
Close Wound 2650

FIG. 27A

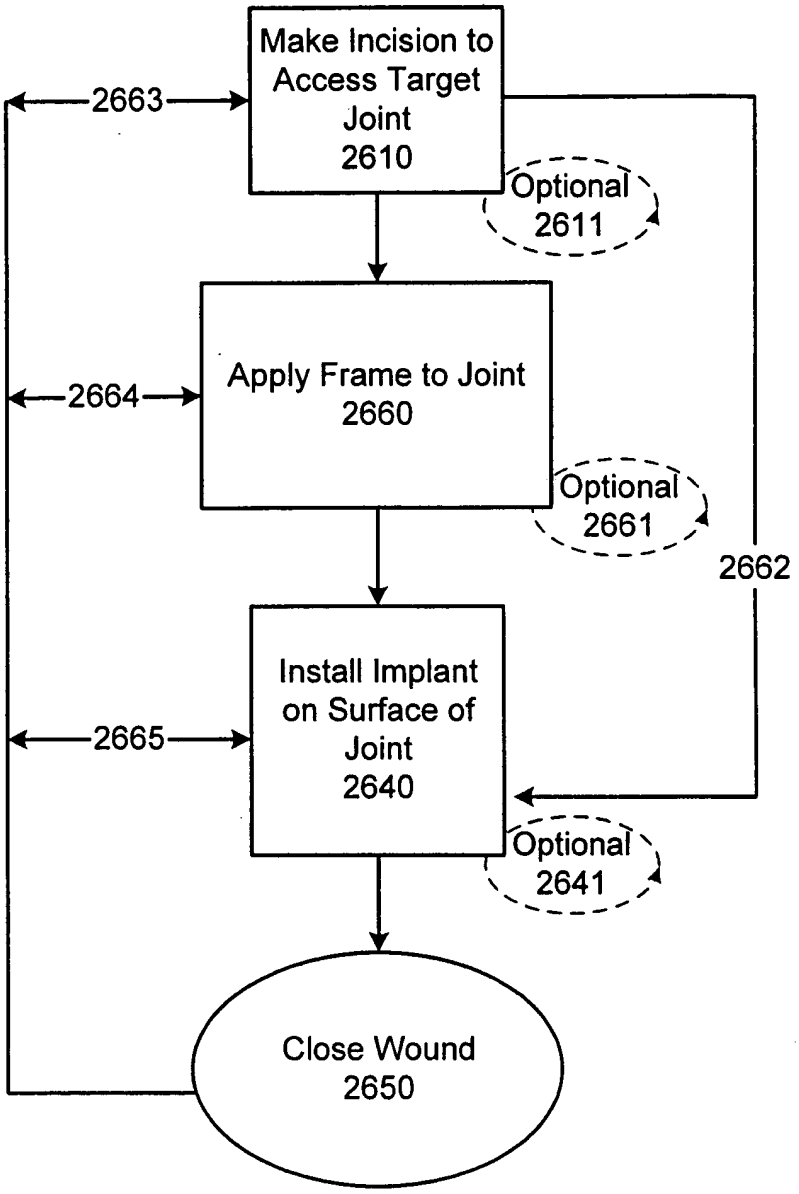
Make Incision to Access Target Joint 2610
2663
Optional 2611
Apply Frame to Joint 2660
2664
Optional 2661
2662
Install Implant on Surface of Joint 2640
2665
Optional 2641
Close Wound 2650

FIG. 27B

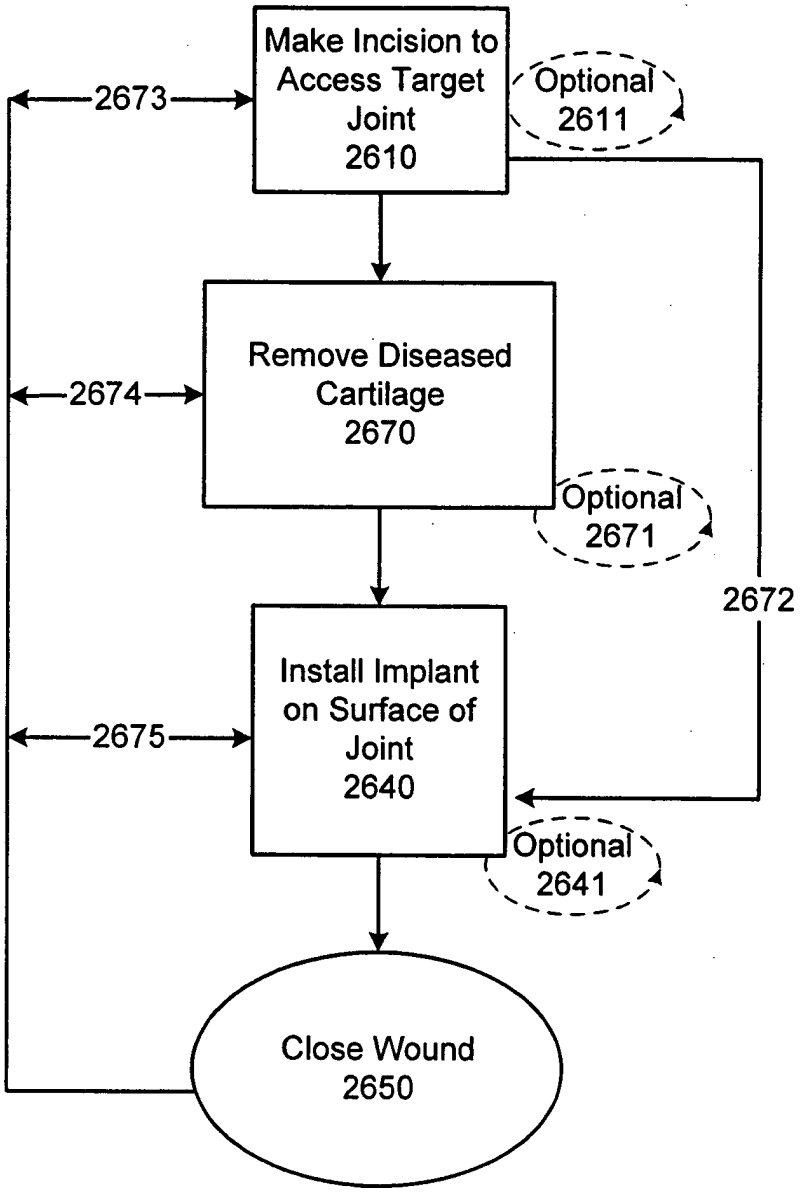
Make Incision to Access Target Joint 2610
Optional 2611
2673
Remove Diseased Cartilage 2670
2674
Optional 2671
2672
Install Implant on Surface of Joint 2640
2675
Optional 2641
Close Wound 2650

FIG. 27C

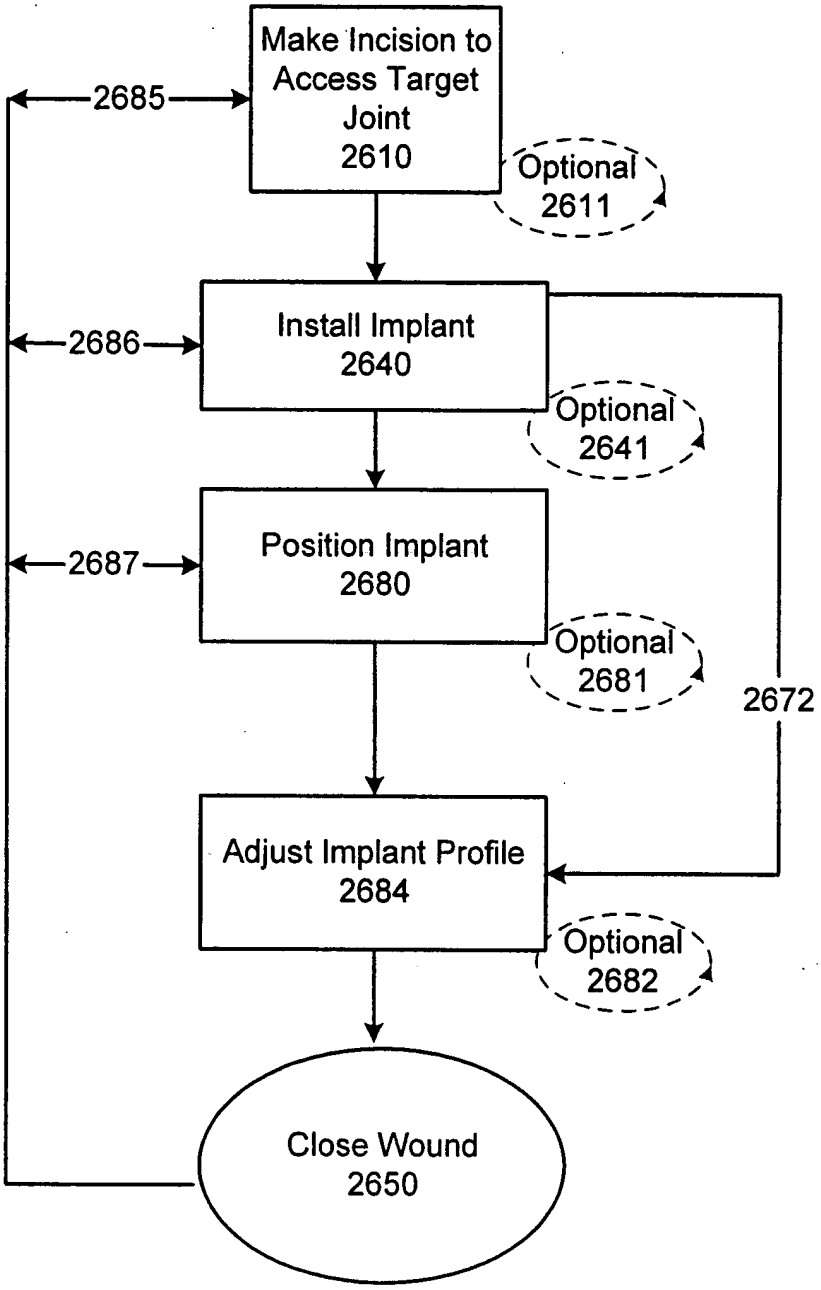
Make Incision to Access Target Joint 2610
Optional 2611
2685
Install Implant 2640
Optional 2641
2686
Position Implant 2680
Optional 2681
2687
2672
Adjust Implant Profile 2684
Optional 2682
Close Wound 2650

FIG. 27D

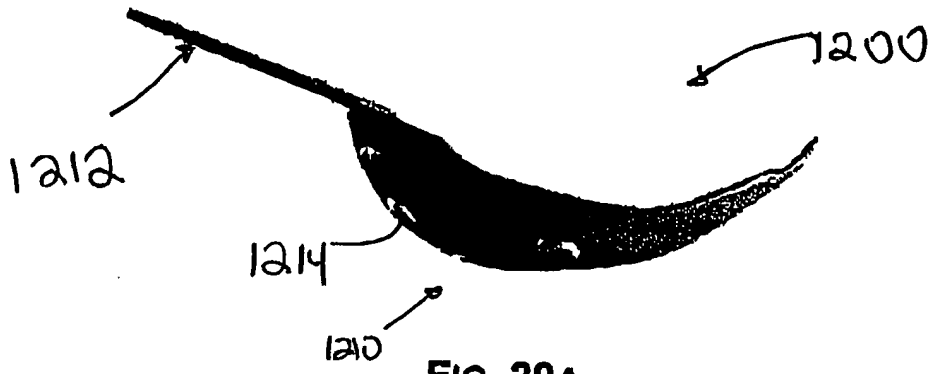

FIG. 29A

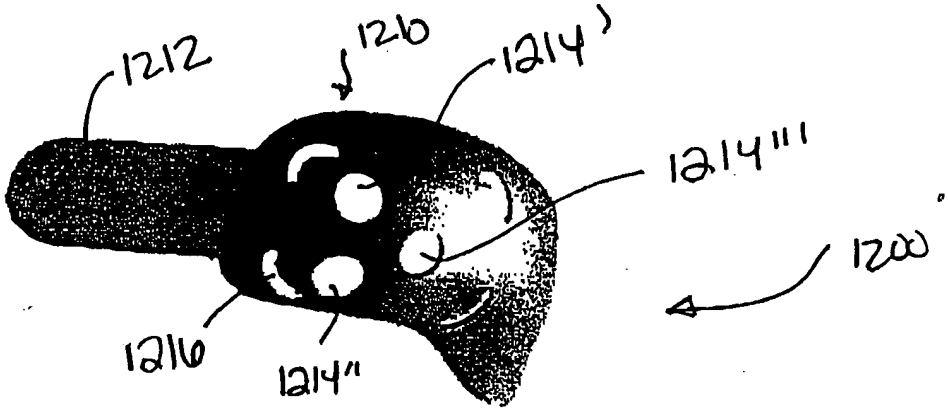

FIG. 29B

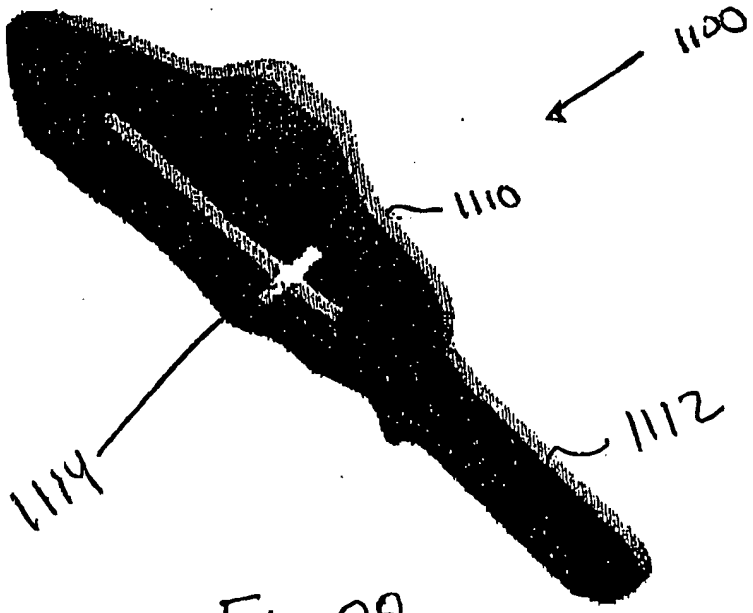

FIG. 28